

AMPHENOL CORP /DE/
Form 424B3
October 29, 2009

Use these links to rapidly review the document
[TABLE OF CONTENTS Prospectus Supplement](#)

**Filed Pursuant to 424(b)(3)
Registration No. 333-162722**

The information in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these senior notes and are not soliciting an offer to buy these senior notes in any jurisdiction where the offer or sale is not permitted.

Subject to Completion
Preliminary Prospectus Supplement dated October 29, 2009

PROSPECTUS SUPPLEMENT
(To Prospectus dated October 29, 2009)

\$

AMPHENOL CORPORATION

% Senior Notes due

We are offering \$ _____ of our _____ % Senior Notes due _____. We will pay interest on the notes semi-annually on _____ and _____ of each year, beginning on _____, 2010. The notes will mature on _____, 20____. We may redeem the notes, in whole or in part, at any time and from time to time prior to their maturity, at the "make-whole" redemption price discussed under "Description of the Notes - Optional Redemption" in this prospectus supplement. As described under "Description of the Notes - Change of Control" in this prospectus supplement, unless we have previously redeemed the notes, if we experience a change of control and a below investment grade rating event with respect to such change of control, we will be required to offer to repurchase the notes at a price in cash equal to 101% of the principal amount of the notes, plus any accrued and unpaid interest to, but not including the date of repurchase.

The notes will be our unsecured senior obligations and will rank equally in right of payment with all of our other unsecured senior indebtedness outstanding from time to time.

Investing in the notes involves risks. See "Risk Factors" beginning on page S-9 of this prospectus supplement and on page 3 of the accompanying prospectus and the risk factors included in our periodic reports filed with the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended, each of which is incorporated by reference herein, for a discussion of certain risks you should consider carefully before investing in the notes.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to

the contrary is a criminal offense.

	Per Note	Total
Public offering price (1)	%	\$
Underwriting discount	%	\$
Proceeds, before expenses, to us	%	\$

(1) Plus accrued interest, if any, from November , 2009, if settlement occurs after that date.

The notes will not be listed on any securities exchange or quoted on any automated dealer quotation system. Currently, there is no public market for the notes.

The notes will be ready for delivery in book-entry form only through the facilities of The Depository Trust Company for the accounts of its participants, including Euroclear Bank S.A./N.V., as operator of the Euroclear System, and Clearstream Banking, *société anonyme*, on or about November , 2009.

Joint Book-Running Managers

BofA Merrill Lynch
Deutsche Bank Securities

J.P. Morgan
Wells Fargo Securities

The date of this prospectus supplement is October , 2009

In making your investment decision, you should rely only on the information contained or incorporated by reference in this prospectus supplement, the accompanying prospectus and any free writing prospectus filed by us with the Securities and Exchange Commission. We have not, and the underwriters have not, authorized anyone to provide you with any other information. If you receive any different or inconsistent information, you should not rely on it.

You should assume that the information contained in this prospectus supplement, the accompanying prospectus, any free writing prospectus and the documents incorporated by reference herein and therein, is accurate only as of their respective dates.

We are not making an offer to sell the notes in any jurisdiction where the offer or sale is not permitted.

TABLE OF CONTENTS

Prospectus Supplement

	Page
<u>About This Prospectus Supplement</u>	<u>S-1</u>
<u>Forward-Looking Statements</u>	<u>S-1</u>
<u>Incorporation of Certain Information By Reference</u>	<u>S-2</u>
<u>Summary</u>	<u>S-3</u>
<u>Risk Factors</u>	<u>S-9</u>
<u>Use of Proceeds</u>	<u>S-13</u>
<u>Capitalization</u>	<u>S-14</u>
<u>Description of the Notes</u>	<u>S-15</u>
<u>Material United States Federal Income Tax Consequences For Non-U.S. Holders</u>	<u>S-22</u>
<u>Certain ERISA Considerations</u>	<u>S-25</u>
<u>Underwriting</u>	<u>S-27</u>
<u>Conflicts of Interest</u>	<u>S-30</u>
<u>Legal Matters</u>	<u>S-30</u>

Prospectus

About This Prospectus	1
<u>Forward-Looking Statements</u>	<u>1</u>
<u>Where You Can Find More Information</u>	<u>2</u>
<u>Incorporation of Certain Information By Reference</u>	<u>2</u>
<u>Risk Factors</u>	<u>3</u>
<u>Our Company</u>	<u>3</u>
<u>Use of Proceeds</u>	<u>3</u>
<u>Ratio of Earnings to Fixed Charges</u>	<u>4</u>
<u>Description of the Senior Debt Securities</u>	<u>5</u>
<u>Book-Entry Delivery and Settlement</u>	<u>15</u>
<u>Plan of Distribution</u>	<u>19</u>
<u>Legal Matters</u>	<u>21</u>
<u>Experts</u>	<u>21</u>

Table of Contents

ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement supplements the accompanying prospectus. The accompanying prospectus is part of an automatic shelf registration statement on Form S-3 that we filed with the Securities and Exchange Commission (the "SEC") under the Securities Act of 1933, as amended (the "Securities Act"), using a "shelf" registration, or continuous offering, process. Under this shelf registration process, we may, at any time and from time to time, issue and sell, in one or more offerings, the senior debt securities, including the notes, described in the accompanying prospectus.

The accompanying prospectus provides you with a general description of the senior debt securities, and this prospectus supplement contains specific information about the terms of this offering of the notes. This prospectus supplement, or the information incorporated by reference in the accompanying prospectus, may add, update or change information contained in the accompanying prospectus. If information in this prospectus supplement, or the information incorporated by reference in this prospectus supplement, is inconsistent with the accompanying prospectus, this prospectus supplement, or the information incorporated by reference in this prospectus supplement, will apply and will modify or supersede that information in the accompanying prospectus.

Before making your investment decision, you should read and carefully consider this prospectus supplement, the accompanying prospectus, together with the additional information in the documents referred to in the sections entitled "Where You Can Find More Information" in the accompanying prospectus and "Incorporation by Reference" in this prospectus supplement.

Unless otherwise stated, or the context otherwise requires, references in this prospectus supplement to "we," "us," "our," "Amphenol" and "the Company" are to Amphenol Corporation and, as applicable, its consolidated subsidiaries, except for purposes of the description of the notes included in this prospectus supplement and the accompanying prospectus, where references to such terms refer only to Amphenol Corporation and do not include our subsidiaries. When we refer to the "notes" in this prospectus supplement, we mean the notes being offered by this prospectus supplement, unless we state otherwise.

FORWARD-LOOKING STATEMENTS

Certain statements in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein, that are not purely historical information, are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). These forward-looking statements are often, but not always, made through the use of words or phrases such as "believe," "expect," "project," "plan," "intend," "anticipate," "estimate," "predict," "potential," "continue," "may," "should," "will," "would," "will be," "will continue," "will likely result," or the negative of these terms or similar expressions. These forward-looking statements include, but are not limited to, estimates, projections and information concerning our possible or assumed future business plans and strategies, results of operations, competitive position, potential operating performance improvements, the effects of competition and the effects of future legislation or regulations.

These forward-looking statements are based on our expectations, assumptions, estimates and projections about our business and the industry in which we operate as of the respective dates on which such forward-looking statements are made, and are not guarantees of our future performance. These forward-looking statements are subject to a number of risks and uncertainties that cannot be predicted, quantified or controlled and that could cause actual results to differ materially from those set forth in, contemplated by, or underlying, the forward-looking statements. A discussion of some of the risks and uncertainties that could cause actual results and events to differ materially from these forward-looking statements is described under the caption "Risk Factors" in this prospectus supplement and included in

Table of Contents

the section entitled "Part I, Item 1A. Risk Factors" in our Annual Report on Form 10-K and our Quarterly Reports on Form 10-Q, each of which is incorporated by reference herein. Because various factors could cause actual results or outcomes to differ materially from those expressed in these forward-looking statements, you should not place undue reliance on any of these forward-looking statements.

Except as required by law, we do not undertake any obligation to update or publicly release any revisions to any forward-looking statement made by us or on our behalf to reflect new information, future events or changes in expectations after the date on which such forward-looking statement is made.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" into this prospectus supplement the information that we have filed with the SEC, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus supplement, and the information that we file later with the SEC will automatically update and, where applicable, modify or supersede the information in this prospectus supplement and the documents listed below. We hereby "incorporate by reference" the following documents that have been previously filed with the SEC:

Our Annual Report on Form 10-K for the fiscal year ended December 31, 2008;

Our Quarterly Reports on Form 10-Q for the periods ended March 31, 2009, June 30, 2009 and September 30, 2009;

Our Current Report on Form 8-K filed on January 9, 2009; and

all of our future filings with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus supplement until the time all the notes are sold in this offering.

We are not, however, incorporating any documents or information that are deemed to have been furnished rather than filed in accordance with SEC rules.

You may request a copy of these filings, at no cost, by writing or telephoning us at the following address and number:

Investor Relations
Amphenol Corporation
358 Hall Avenue
Wallingford, CT 06492
Telephone No: (203) 265-8900

Table of Contents

SUMMARY

This summary highlights selected information included or incorporated by reference in this prospectus supplement and the accompanying prospectus. This summary does not contain all of the information that you should consider before investing in the notes. You should read this entire prospectus supplement and the accompanying prospectus carefully, including the information incorporated by reference, especially the risks of investing in the notes described under "Risk Factors" in this prospectus supplement and our financial statements and the notes to those statements incorporated by reference herein before you decide to invest in the notes. See also "Where You Can Find More Information" in the accompanying prospectus.

Our Company

We are one of the world's largest designers, manufacturers and marketers of electrical, electronic and fiber optic connectors, interconnect systems and coaxial and flat-ribbon cable. We were incorporated in 1987. Certain predecessor businesses, which now constitute part of the Company, have been in business since 1932. The primary end markets for our products are:

communication systems for the converging technologies of voice, video and data communications;

a broad range of industrial applications including factory automation and motion control systems, medical and industrial instrumentation, mass transportation, alternative energy, natural resource exploration and traditional and hybrid-electrical automotive applications; and

commercial aerospace and military applications.

Our strategy is to provide our customers with comprehensive design capabilities, a broad selection of products and a high level of service on a worldwide basis while maintaining continuing programs of productivity improvement and cost control.

Our principal executive offices are located at 358 Hall Avenue, Wallingford, CT 06492, and our main telephone number is (203) 265-8900. Our website is located at <http://www.amphenol.com>. Our website and the information contained on our website are not part of this prospectus supplement or the accompanying prospectus.

Table of Contents

The Offering

The following summary contains basic information about the notes and is not intended to be complete. For a more complete understanding of the notes, please refer to the sections entitled "Description of the Notes" in this prospectus supplement and "Description of the Senior Debt Securities" in the accompanying prospectus. For purposes of the description of notes included in this prospectus supplement and the accompanying prospectus, references to "we," "us" and "our" refer only to Amphenol Corporation and do not include our subsidiaries.

Issuer	Amphenol Corporation.
Securities Offered	\$ aggregate principal amount of % Senior Notes due .
Maturity Date	, 20 .
Interest and Payment Dates	The notes will bear interest at an annual rate of %. Interest is payable semi-annually on and of each year, beginning on , 2010.
Optional Redemption	At any time or from time to time, we may redeem some or all of the notes at a redemption price equal to 100% of the principal amount thereof, plus accrued and unpaid interest, if any, to the date of redemption plus a "make-whole" premium described in "Description of the Notes Optional Redemption" in this prospectus supplement.
Repurchase upon a Change of Control	The occurrence of a "Change of Control Repurchase Event" (as defined under "Description of the Notes Change of Control" in this prospectus supplement) will require us to offer to repurchase from you all or a portion of your notes at a purchase price in cash equal to 101% of the principal amount of the notes, plus accrued and unpaid interest, if any, to, but not including, the date of repurchase (subject to the right of holders of record on the relevant interest record date to receive interest due on the relevant interest payment date). See "Description of the Notes Change of Control" in this prospectus supplement.
Ranking	The notes will: <ul style="list-style-type: none"> be our general unsecured obligations; be effectively subordinated in right of payment to any future secured indebtedness to the extent of the value of the assets securing such debt; be structurally subordinated to any indebtedness of our subsidiaries; be structurally subordinated to certain of our subsidiaries' obligations to guarantee our indebtedness under our revolving credit facility;

Table of Contents

	rank equally in right of payment with all of our existing and future unsecured and unsubordinated indebtedness, including indebtedness under our revolving credit facility; and be senior in right of payment to any future senior subordinated or subordinated debt.
	As of September 30, 2009, on an as-adjusted basis after giving effect to this offering of the notes and the application of the net proceeds thereof, as more fully described in "Use of Proceeds" in this prospectus supplement:
	we would have had approximately \$780 million of unsecured and unsubordinated indebtedness (including the notes), all of which would constitute senior indebtedness;
	we would have no secured indebtedness to which the notes would have been effectively subordinated; and
	our subsidiaries would have had approximately \$12 million of indebtedness to which the notes would have been structurally subordinated.
Covenants	We will issue the notes under an indenture with The Bank of New York Mellon, as trustee. The indenture will, among other things, limit our ability to:
	incur liens on Principal Property (as defined under "Description of the Debt Securities Definitions" in the accompanying prospectus);
	engage in certain sale/leaseback transactions; and
	consolidate or merge with or into, or sell substantially all of our assets to, another person.
	These covenants will be subject to a number of important exceptions and qualifications. For more details, see "Description of the Senior Debt Securities Covenants" in the accompanying prospectus.
Absence of Public Market for the Notes	The notes are a new issue of securities and currently there is no established trading market for them. We do not intend to apply for a listing of the notes on any securities exchange or any automated dealer quotation system. Accordingly, we cannot assure you as to the development or liquidity of any market for the notes. The underwriters have advised us that they currently intend to make a market in the notes. However, they are not obligated to do so and any market making with respect to the notes may be discontinued without notice. See "Risk Factors Your ability to transfer the notes may be limited since there is no public market for the notes, and we do not know if an active trading market will ever develop, or if a market does develop, whether it will be sustained" in this prospectus supplement.

Table of Contents

Use of Proceeds	We anticipate that the net proceeds from the offering will be approximately \$ million, after expenses and underwriting discounts. We intend to use all of the net proceeds from this offering to repay amounts outstanding under our revolving credit facility. See "Use of Proceeds" in this prospectus supplement.
Denominations	The notes will be issued in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.
Form of Notes	The notes will be issued as fully registered notes, represented by one or more global notes registered in the name of Cede & Co., the nominee of the depository, The Depository Trust Company ("DTC"). Beneficial interests in the notes will be shown on, and transfers will be effected through, records maintained by DTC and its participants.
Governing Law	The notes will be governed by the laws of the State of New York.
Trustee	The Bank of New York Mellon.
Risk Factors	Investing in the notes involves risks. In considering whether to purchase the notes, you should carefully consider all of the information set forth in this prospectus supplement, the accompanying prospectus, any free writing prospectus with respect to this offering filed by us with the SEC and the documents incorporated by reference herein and therein. In particular, you should evaluate the specific risks set forth in the section entitled "Risk Factors" in this prospectus supplement in addition to the risks described under the heading "Item 1A. Risk Factors" contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2008 and our Quarterly Report on Form 10-Q for the period ended September 30, 2009, each of which is incorporated by reference herein. See "Risk Factors" beginning on page S-9 of this prospectus supplement.
Conflicts of Interest	We intend to use at least 5% of the net proceeds of this offering to repay indebtedness owed by us to certain affiliates of the underwriters who are lenders under our revolving credit facility. See "Use of Proceeds" in this prospectus supplement. Accordingly, this offering is being made in compliance with the requirements of NASD Conduct Rule 2720 of the Financial Industry Regulatory Authority ("FINRA").

Table of Contents**Summary Historical Consolidated Financial Data**

The following tables set forth certain of our condensed consolidated financial data. The summary financial information presented below as of December 31, 2007 and 2008 and for each of the three years ended December 31, 2006, 2007 and 2008, has been derived from the audited financial statements incorporated by reference in this prospectus supplement. The summary financial information as of and for the nine months ended September 30, 2008 and 2009 has been derived from our unaudited condensed consolidated financial statements incorporated by reference in this prospectus supplement. In the opinion of our management, all adjustments, consisting of only normal recurring adjustments, necessary for a fair presentation of the unaudited financial data as of and for the nine months ended September 30, 2008 and 2009 have been reflected therein. Operating results for the nine months ended September 30, 2009 are not necessarily indicative of the results that may be expected for the full year. We have reclassified certain previously reported amounts to conform to the current presentation. You should read the information in conjunction with the section entitled "Risk Factors" in this prospectus supplement and in "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our consolidated financial statements and related notes in our Annual Report on Form 10-K for the fiscal year ended December 31, 2008 and our Quarterly Report on Form 10-Q for the period ended September 30, 2009, each of which is incorporated by reference herein.

	Year Ended December 31,			Nine Months Ended September 30,	
	2006	2007	2008	2008	2009
(dollars in thousands)					
Statement of Income Data:					
Net sales	\$ 2,471,430	\$ 2,851,041	\$ 3,236,471	\$ 2,481,189	\$ 2,061,769
Cost of sales	1,683,250	1,920,900	2,187,318	1,672,442	1,416,847
Selling, general and administrative expense	342,841	377,283	416,914	318,908	294,469
Operating income	424,592	552,858	632,239	489,839	350,453
Net Income attributable to Amphenol Corporation(a)	255,691	353,194	419,151	320,418	230,195
Other Data:					
Cash flow provided by operations	289,597	387,899	481,523	310,684	430,583
Cash flow used by investing activities	98,973	279,078	246,085	197,413	332,414
Cash flow used by financing activities	155,158	4,441	193,940	60,023	1,570
Capital expenditures	82,421	103,772	108,280	83,044	45,607
Ratio of earnings to fixed charges(b)	9.0	12.1	13.2	13.7	10.5

	As of December 31,		As of September 30,	
	2007	2008	2008	2009
(dollars in thousands)				
Balance Sheet Data:				
Cash and cash equivalents	\$ 183,641	\$ 214,987	\$ 230,741	\$ 307,569
Working capital	703,327	701,032	816,805	840,413
Total assets	2,675,733	2,994,159	3,018,238	3,140,911
Total debt(c)	722,636	786,459	770,531	792,492
Total equity(a)	1,279,748	1,368,569	1,486,240	1,643,197

(a)

Effective January 1, 2009, the Company adopted the standards set forth in the Consolidation Topic of the Financial Accounting Standards Board Codification. These standards require companies to classify expenses related to noncontrolling interests' share in income below net income (earnings per share are still determined after the impact of the noncontrolling interests' share in net income

Table of Contents

of the Company). Net income attributable to noncontrolling interests for the nine months ended September 30, 2009 and 2008 was \$7,044 and \$7,615, respectively, and for the years ended December 31, 2008, 2007 and 2006 was \$10,426, \$10,518 and \$6,001, respectively. In addition, these standards require the liability related to noncontrolling interests to be presented as a separate caption within equity. The presentation requirements of these standards have been retroactively applied to the periods presented herein. As such, the total equity balances as presented above have been adjusted for the liability related to noncontrolling interests of \$19,144 and \$14,834 for the years ended December 31, 2008 and 2007, respectively, and \$22,668 for the nine months ended September 30, 2008. For the years ended December 31, 2008, 2007 and 2006, "Net Income attributable to Amphenol Corporation" represents amounts reported as "Net Income" in our Annual Report on Form 10-K for the year ended December 31, 2008. The consolidated statements of income included therein have not yet been retroactively restated in accordance with these standards.

- (b) For purposes of determining the ratio of earnings to fixed charges, earnings for the nine months ended September 30, 2009 and 2008 consist of income before income taxes plus fixed charges, less net income attributable to the noncontrolling interests in less than wholly-owned subsidiaries. For the years ended December 31, 2006 through 2008, earnings consist of income before income taxes plus fixed charges (income before income taxes for these periods include the adjustment for noncontrolling interests as those financial statements have not yet been retroactively restated in accordance with the standards of the Consolidations Topic of the FASB Accounting Standards Codification). Fixed charges for all periods consist of interest expense including amortization of deferred debt issuance costs and one third of rental expenses on operating leases, representing that portion of rent expense which management believes is representative of the interest component of rent expense.
- (c) Total debt includes long-term debt and capital lease obligations and the current portion of long-term debt and capital lease obligations.

Table of Contents

RISK FACTORS

Investing in the notes involves risks. In considering whether to purchase the notes, you should carefully consider all of the information set forth in this prospectus supplement, the accompanying prospectus, any free writing prospectus with respect to this offering filed by us with the SEC and the documents incorporated by reference herein and therein. In particular, you should carefully consider the specific risks described below in addition to the risks described under the heading "Item 1A. Risk Factors" contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2008 and our Quarterly Report on Form 10-Q for the period ended September 30, 2009, each of which is incorporated by reference herein. You could lose part or all of your investment.

The risks and uncertainties discussed in this prospectus supplement and in the documents incorporated by reference herein are those we currently believe may materially affect us. Additional risks and uncertainties not presently known to us or that we currently believe are immaterial also may materially and adversely affect our business, financial condition and results of operations.

Your ability to transfer the notes may be limited since there is no public market for the notes, and we do not know if an active trading market will ever develop, or if a market does develop, whether it will be sustained.

The notes will constitute a new issue of securities for which there is no existing trading market. We do not intend to apply for listing or quotation of the notes on any securities exchange or stock market. We cannot assure you as to the development or liquidity of any trading market for the notes. The underwriters have advised us that they currently intend to make a market in the notes, as permitted by applicable laws and regulations. However, the underwriters are not obligated to do so, and any market-making with respect to the notes may be discontinued at any time without notice. If no active trading market develops, you may be unable to resell your notes at any price or at their fair market value.

If a trading market does develop, changes in our credit ratings or the debt markets could adversely affect the liquidity of any market for the notes.

The liquidity of any market for the notes will depend on a number of factors, including:

our credit ratings with major credit rating agencies;

the prevailing interest rates being paid by other companies similar to us;

the market price of our common shares;

our financial condition, operating performance and future prospects;

the market for similar securities;

the overall condition of the financial markets; and

the interest of securities dealers in making a market for the notes.

The condition of the financial markets and prevailing interest rates have fluctuated in the past and are likely to fluctuate in the future. Such fluctuations could have an adverse effect on the price of the notes.

In addition, credit rating agencies continually review their ratings for the companies that they follow, including us. The credit rating agencies also evaluate the industries in which we operate as a whole and may change their credit rating for us based on their overall view of such

industries. A negative change in our rating could have an adverse effect on the price of the notes. Therefore, we cannot assure you that you will be able to sell your notes at a particular time or the price that you receive when you sell your notes will be favorable.

Table of Contents

Despite our current or future indebtedness level, we may still be able to incur substantially more debt.

We may be able to incur substantial indebtedness in the future. The terms of the indenture governing the notes will not fully prohibit us from doing so. If we incur any additional indebtedness that ranks equally with the notes, the holders of that debt will be entitled to share ratably with the holders of the notes in any proceeds distributed in connection with any insolvency, liquidation, reorganization, dissolution or other winding up of the Company.

Our debt instruments contain restrictive covenants that may adversely affect our ability to operate our business.

Our revolving credit facility and the indenture that will govern the notes contain various covenants that limit our ability and the ability of our subsidiaries to, among other things:

incur liens;

consolidate or merge with or into, or sell substantially all of our assets to, another person;

make accounting changes, except as required or permitted under generally accepted accounting principles;

make a material change to the nature of our business; and

engage in speculative transactions.

In addition, our revolving credit facility contains certain financial covenants, such as a limit on the ratio of debt to earnings before interest, taxes, depreciation and amortization, minimum levels of net worth and limits on incurrence of liens. Although we were in compliance with these covenants as of September 30, 2009, the ability to meet the financial covenants can be affected by events beyond our control, and we cannot provide assurance that we will continue to meet those tests. A breach of any of these covenants could result in a default under our other indebtedness. Upon the occurrence of an event of default under any of our indebtedness, the lenders could elect to declare all amounts outstanding thereunder to be immediately due and payable and terminate all commitments to extend further credit. If the lenders accelerate the repayment of borrowings, we may not have sufficient assets to repay our revolving credit facility and other indebtedness.

We may be unable to generate the cash flow to service our debt obligations, including the notes.

We cannot assure you that our business will generate sufficient cash flow, or that we will be able to borrow funds under our revolving credit facility, in an amount sufficient to enable us to service our indebtedness, including the notes, or to make anticipated capital expenditures. Our ability to pay our expenses and satisfy our debt obligations, to refinance our debt obligations and to fund planned capital expenditures will depend on our future performance, which will be affected by general economic, financial, competitive, legislative, regulatory and other factors beyond our control. Based upon current levels of operations, we believe cash flow from operations, amounts available under our revolving credit facility and available cash will be adequate for the foreseeable future to meet our anticipated requirements for working capital, capital expenditures and scheduled payments of principal and interest on our indebtedness, including the notes. However, if we are unable to generate sufficient cash flow from operations or to borrow sufficient funds in the future to service our debt, we may be required to sell assets, reduce capital expenditures, refinance all or a portion of our existing debt (including the notes) or obtain additional financing. We cannot assure you that we will be able to refinance our debt, sell assets or borrow more money on terms acceptable to us, if at all. Additionally, the covenants contained in our revolving credit facility will restrict our ability to incur additional debt.

Table of Contents

We may not be able to repurchase the notes upon a Change of Control Repurchase Event.

Upon the occurrence of a "Change of Control Repurchase Event" (as described under "Description of the Notes Change of Control" in this prospectus supplement), we will be required to offer to repurchase all outstanding notes at a purchase price in cash equal to 101% of the principal amount of the notes, plus accrued and unpaid interest, if any, to, but not including, the date of repurchase (subject to the right of holders of record on the relevant interest record date to receive interest due on the relevant interest payment date). However, we may not be able to repurchase the notes upon a Change of Control Repurchase Event because we may not have sufficient funds to do so. In addition, our future debt agreements may contain provisions that restrict us from repurchasing all of the notes tendered by holders upon a Change of Control Repurchase Event. Our failure to repurchase the notes upon a Change of Control Repurchase Event would cause a default under the indenture that will govern the notes, which could result in defaults under our other debt agreements and have material adverse consequences for us and the holders of the notes.

In addition, you should note that recent case law suggests that, in the event that incumbent directors are replaced as a result of a contested election, issuers may nevertheless avoid triggering a change of control under a clause similar to third bullet of the definition of "Change of Control" under the caption "Description of the Notes Change of Control" in this prospectus supplement, if the outgoing directors were to approve the new directors for the purpose of such change of control clause.

Redemption may adversely affect your return on the notes.

We have the right to redeem some or all of the notes prior to maturity, as described under "Description of the Notes Optional Redemption" in this prospectus supplement. We may redeem the notes at times when prevailing interest rates may be relatively low. Accordingly, you may not be able to reinvest the redemption proceeds in a comparable security at an effective interest rate as high as that of the notes.

The notes will be effectively subordinated in right of payment to any future secured indebtedness to the extent of the assets securing such indebtedness.

We currently do not have any secured indebtedness to which the notes would have been effectively subordinated. However, the notes will be unsecured and effectively subordinated in right of payment to any future secured indebtedness to the extent of the assets securing such indebtedness. Although the indenture limits our ability to incur liens on our Principal Property (as defined under "Description of the Senior Debt Securities Definitions" in the accompany prospectus), the notes will be effectively subordinated to any future debt secured by Principal Property to the extent permitted by the indenture or by any of our other assets. In the event of our liquidation or insolvency or other events of default on any such future secured debt or upon acceleration of the notes in accordance with their terms, we will be permitted to make payment on the notes only after any such future secured debt has been paid in full. After paying any such future secured debt in full, we may not have sufficient assets remaining to pay any or all amounts due on the notes. In the event of our bankruptcy, liquidation or reorganization or upon acceleration of the notes, payment on the notes could be less, ratably, than on any such future secured debt.

The notes will be structurally subordinated to any indebtedness of our subsidiaries.

The notes will be structurally subordinated to any indebtedness of our subsidiaries. Our subsidiaries are separate and distinct legal entities, and none of our subsidiaries will guarantee the notes or otherwise have any obligations to make payments in respect of the notes. As a result, claims of holders of the notes will be effectively subordinated to the indebtedness and other liabilities of our subsidiaries. In the event of any bankruptcy, liquidation, dissolution or similar proceeding involving one

Table of Contents

of our subsidiaries, any of our rights or the rights of the holders of the notes to participate in the assets of that subsidiary will be effectively subordinated to the claims of creditors of that subsidiary, and following payment by that subsidiary of its liabilities, the subsidiary may not have sufficient assets remaining to make payments to us as a shareholder or otherwise. As of September 30, 2009, on an as-adjusted basis after giving effect to this offering of the notes and the application of the net proceeds thereof, as more fully described in "Use of Proceeds" in this prospectus supplement, our subsidiaries would have had approximately \$12 million of indebtedness to which the notes would have been structurally subordinated.

In addition, certain of our subsidiaries are guarantors under our revolving credit facility. Accordingly, the notes will be structurally subordinated to such subsidiaries' obligations to guarantee our indebtedness under our revolving credit facility.

Our cash flow and our ability to service our indebtedness, including the notes, is partially dependent upon the earnings of our subsidiaries.

The notes are exclusively our obligations. Our cash flow and our ability to service our indebtedness, including the notes, is partially dependent upon the earnings of our subsidiaries. In addition, we are particularly dependent on the distribution of earnings, loans or other payments by our subsidiaries to us. Our subsidiaries are separate and distinct legal entities. Our subsidiaries will have no obligation to pay any amounts due on the notes or to provide us with funds for our payment obligations, whether by dividends, distributions, loans or other payments. In addition, any payment of dividends, distributions, loans or advances by our subsidiaries to us could be subject to statutory or contractual restrictions. Payments to us by our subsidiaries will also be contingent upon our subsidiaries' earnings and business considerations. Our right to receive any assets of any subsidiary upon its liquidation or reorganization, and, therefore, our right to participate in those assets, will be effectively subordinated to the claims of that subsidiary's creditors, including trade creditors. In addition, even if we were a creditor of any of our subsidiaries our right as a creditor would be subordinate to any security interest in the assets of our subsidiaries and any indebtedness of our subsidiaries senior to the indebtedness held by us.

Table of Contents

USE OF PROCEEDS

We anticipate that the net proceeds to us from the sale of the notes will be approximately \$ million after deducting the estimated underwriting discounts and estimated offering expenses payable by us.

We intend to use all of the net proceeds of this offering to repay amounts outstanding under our revolving credit facility. In conjunction with the repayment, we expect to terminate certain interest rate swap agreements and incur a one-time charge of approximately \$5 million, or \$0.02 per share, relating to the cost of such termination. Any amounts repaid may be re-borrowed by us in the future. In March, 2009, we borrowed \$174.5 million under our revolving credit facility to fund the acquisition by us of Times Microwave Systems Inc. from GE Aviation Systems North America Inc. We have a five-year \$1,000,000,000 unsecured revolving credit facility of which approximately \$780 million was drawn as of September 30, 2009. Our interest rate on borrowings under the revolving credit facility is LIBOR plus 40 basis points. We also pay certain annual agency and facility fees. The revolving credit facility is scheduled to expire in August 2011. On October 28, 2009, we amended our revolving credit facility to increase the amount of debt we or our subsidiaries are permitted to incur by \$300 million, provided that the banks' revolving credit commitment to us is reduced to the extent we incur any of such additional permitted debt. For more information about our revolving credit facility, see "Management's Discussion and Analysis of Financial Condition and Results of Operations Liquidity and Capital Resources" under Item 2 in our Quarterly Report on Form 10-Q for the period ended September 30, 2009, which is incorporated by reference herein.

Affiliates of certain of the underwriters are lenders under our revolving credit facility and will receive proceeds from this offering. See "Conflicts of Interest" in this prospectus supplement.

Table of Contents**CAPITALIZATION**

The following table sets forth our consolidated capitalization as of September 30, 2009 on an unaudited historical basis and on an as-adjusted basis to give effect to the sale of the \$ million principal amount of notes offered hereby and the application of the estimated net proceeds of this offering as if the offering had occurred on September 30, 2009. See "Use of Proceeds" in this prospectus supplement.

This table should be read in conjunction with the section entitled "Management's Discussion and Analysis of Financial Condition and Results of Operations," and our consolidated financial statements and related notes in our Annual Report on Form 10-K for the fiscal year ended December 31, 2008 and our Quarterly Report on Form 10-Q for the period ended September 30, 2009, each of which is incorporated by reference herein.

	September 30, 2009	
	Historical	As Adjusted
	(In thousands)	
Indebtedness:		
Short-term borrowings:		
Other	\$ 481	\$ 481
Total short-term borrowings	481	481
Long-term debt and obligations under capital lease:		
Unsecured revolving credit facility	780,034	
% Senior Notes due offered hereby		
Indebtedness of subsidiaries	11,977	11,977
Total long-term debt	792,011	792,011
Total indebtedness	792,492	792,492
Total equity	1,643,197	1,643,197
Total capitalization	\$ 2,435,689	\$ 2,435,689

Table of Contents

DESCRIPTION OF THE NOTES

The following description of notes should be read together with the description set forth in the accompanying prospectus under the heading "Description of the Senior Debt Securities." In the event that information in this prospectus supplement is inconsistent with information in the accompanying prospectus, you should rely on this prospectus supplement.

The description of notes in this prospectus supplement and the accompanying prospectus is only a summary and is intended to be a useful overview of the material provisions of the notes and the indenture, but is not intended to be comprehensive. Since this description of notes is only a summary, you should refer to the indenture for a complete description of our obligations and your rights thereunder. We have filed a copy of the indenture as an exhibit to the registration statement of which the accompanying prospectus is a part.

The notes are a series of "senior debt securities" as described in the accompanying prospectus. We will issue the notes under an indenture, dated as of November , 2009 (the "indenture"), between us and The Bank of New York Mellon, as trustee. The terms of the notes include those expressly set forth in the indenture and those made part of the indenture by referencing the Trust Indenture Act of 1939, as amended.

We may issue an unlimited principal amount of additional notes having identical terms and conditions as the notes, other than, in each case, the issue date, issue price and, in some cases, the first interest payment date. We will only be permitted to issue such additional notes if, at the time of such issuance, we are in compliance with the covenants contained in the indenture. Any additional notes will be part of the same issue as the series of notes offered hereby and will vote on all matters with the holders of these notes.

When we refer to "we," "us" or "our" in this section, we refer only to Amphenol Corporation, the issuer of the notes, and not to our subsidiaries. Unless otherwise defined in this section below, capitalized terms used in this "Description of the Notes" section are defined under "Description of the Senior Debt Securities Definitions" in the accompanying prospectus.

General

The notes will be initially limited to \$ aggregate principal amount in this offering, however, we may issue additional notes at a later time that will be part of the same issue as the series of notes offered hereby as described above. The notes will be issued only in fully registered form, without coupons, in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The notes will mature on , 20 (the "stated maturity date") unless earlier redeemed by us, and upon surrender will be repaid at 100% of the principal amount thereof. Principal of and premium, if any, and interest on the notes are payable in immediately available funds in U.S. dollars, or in such other coin or currency of the United States of America as at the time of payment is legal tender for the payment of public and private debts.

The notes will bear interest at the rate of % per annum from , 2009, or from the most recent interest payment date to which interest has been paid or provided for. Interest on the notes shall be calculated on the basis of a 360-day year consisting of twelve 30-day months. Interest on the notes will be payable semi-annually on each and (each such date is referred to as an "interest payment date"), beginning on , 2010, until the principal amount has been paid or made available for payment, to holders of notes at the close of business on the or , as the case may be, immediately preceding the applicable interest payment date (each such date is referred to as an "interest record date").

Principal of and premium, if any, and interest on the notes will be payable, and the notes may be exchanged or transferred, at our office or agency in the Borough of Manhattan, The City of New York

Table of Contents

(which initially shall be the corporate trust office of the trustee, at 101 Barclay Street, 8th Floor West, New York, New York 10286), except that, at our option, payment of interest may be made by check mailed to the registered holders of the notes at their registered addresses. No service charge will be made for any registration of transfer or exchange of notes, but we or the trustee may require payment of a sum sufficient to cover any transfer tax or other similar governmental charge payable in connection with such transfer or exchange.

In any case where the date of payment of the principal of or premium, if any, or interest on the notes, including the date, if any, fixed for redemption or repurchase of the notes, shall not be a "business day" (as defined below), then payment of principal, premium or interest need not be made on that date at such place but may be made on the next succeeding business day, with the same force and effect as if made on the applicable payment date or the date fixed for redemption or repurchase, and no interest shall accrue for the period after that date. A "business day" shall mean a day that is not, in New York City, a Saturday, Sunday, a legal holiday or a day on which banking institutions are authorized or obligated by law to close.

Optional Redemption

The notes will be redeemable, at our option, in whole or in part, at any time or from time to time. Upon redemption of the notes, we will pay a redemption price equal to the greater of:

- (1) 100% of the principal amount of the notes to be redeemed; and
- (2) the sum of the present values of the Remaining Scheduled Payments (as defined below) of the notes being redeemed, discounted to the date of redemption on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below), plus basis points.

In the case of each of clauses (1) and (2) above, accrued interest on the notes will be payable to the date of redemption.

For purposes of this "Optional Redemption" section, the following terms have the following meanings:

"*Comparable Treasury Issue*" means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the notes to be redeemed that would be used, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of such notes.

"*Comparable Treasury Price*" means, with respect to any date of redemption, (a) the average of the Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest Reference Treasury Dealer Quotations, or (b) if fewer than four such Reference Treasury Dealer Quotations are provided to the trustee, the average of all such quotations.

"*Independent Investment Banker*" means the Reference Treasury Dealer appointed by us.

"*Reference Treasury Dealer*" means each of Banc of America Securities LLC, J.P. Morgan Securities Inc., Deutsche Bank Securities Inc., a Primary Treasury Dealer (as defined herein) selected by Wells Fargo Securities, LLC and their respective successors, provided, however, that if any of the foregoing ceases to be a primary U.S. Government securities dealer in New York City (a "*Primary Treasury Dealer*"), we will substitute therefor another Primary Treasury Dealer; and (ii) any other Primary Treasury Dealers selected by us.

"*Reference Treasury Dealer Quotations*" means, with respect to each Reference Treasury Dealer and any date of redemption, the average, as determined by the trustee, of the bid and asked prices for the

Table of Contents

Comparable Treasury Issue for the notes (expressed in each case as a percentage of its principal amount) quoted in writing to the trustee by such Reference Treasury Dealer at 5:00 p.m., New York City time, on the third Business Day preceding that date of redemption.

"*Remaining Scheduled Payments*" means, with respect to each note to be redeemed, the remaining scheduled payments of the principal (or of the portion) thereof and interest thereon that would be due after the related date of redemption therefor but for such redemption; provided, however, that, if that date of redemption is not an interest payment date with respect to such note, the amount of the next succeeding scheduled interest payment thereon will be reduced by the amount of interest accrued thereon to that date of redemption.

"*Treasury Rate*" means, with respect to any date of redemption, the rate per annum equal to the semi-annual equivalent yield to maturity, computed as of the second Business Day immediately preceding that date of redemption, of the Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for that date of redemption.

Notice of any redemption will be mailed at least 30 days but not more than 60 days before the date of redemption to each holder of notes to be redeemed. If less than all the notes are to be redeemed, the notes to be redeemed shall be selected by the trustee by such method as the trustee deems fair and appropriate. Unless we default in payment of the redemption price, on and after the date of redemption, interest will cease to accrue on the notes or portions thereof called for redemption.

Except as described above, the notes will not be redeemable by us prior to maturity and will not be entitled to the benefit of any sinking fund.

We may acquire notes by means other than a redemption, whether by tender offer, open market purchases, negotiated transactions or otherwise, in accordance with applicable securities laws, so long as such acquisition does not otherwise violate the terms of the indenture.

Ranking

The notes will be senior unsecured and unsubordinated indebtedness and will rank equally with all of our existing and future senior unsecured and unsubordinated indebtedness. However, the notes are structurally subordinated to the indebtedness of our subsidiaries and effectively subordinated to any future secured indebtedness to the extent of the value of the assets securing such indebtedness.

As of September 30, 2009, on an as-adjusted basis after giving effect to this offering of the notes and the application of the net proceeds thereof:

we would have had approximately \$780 million of unsecured and unsubordinated indebtedness (including the notes), all of which would constitute senior indebtedness;

we would have no secured indebtedness to which the notes would have been effectively subordinated; and

our subsidiaries would have had approximately \$12 million of indebtedness to which the notes would have been effectively subordinated.

The notes will be structurally subordinated to any indebtedness of our subsidiaries. Our subsidiaries are separate and distinct legal entities, and none of our subsidiaries will guarantee the notes or otherwise have any obligations to make payments in respect of the notes. As a result, claims of holders of the notes will be effectively subordinated to the indebtedness and other liabilities of our subsidiaries. In the event of any bankruptcy, liquidation, dissolution or similar proceeding involving one of our subsidiaries, any of our rights or the rights of the holders of the notes to participate in the assets

Table of Contents

of that subsidiary will be effectively subordinated to the claims of creditors of that subsidiary, and following payment by that subsidiary of its liabilities, the subsidiary may not have sufficient assets remaining to make payments to us as a shareholder or otherwise. In addition, certain of our subsidiaries are guarantors under our revolving credit facility. Accordingly, the notes will be structurally subordinated to such subsidiaries' obligations to guarantee our indebtedness under our revolving credit facility.

We are obligated to pay reasonable compensation to the trustee and to indemnify the trustee against certain losses, liabilities and expenses incurred by the trustee in connection with its duties relating to the notes. The trustee's claims for these payments will generally be senior to those of holders of the notes in respect of all funds collected or held by the trustee.

Change of Control

If a Change of Control Repurchase Event occurs, unless we have exercised our right to redeem all of the notes as described under " Optional redemption" above, each holder will have the right to require us to repurchase all or any part (equal to \$2,000 and integral multiples of \$1,000 in excess thereof) of such holder's notes pursuant to the offer described below (the "*Change of Control Offer*"), at a purchase price in cash equal to 101% of the principal amount of the notes, plus accrued and unpaid interest, if any, to, but not including, the date of repurchase (subject to the right of holders of record on the relevant interest record date to receive interest due on the relevant interest payment date).

Within 30 days following any Change of Control Repurchase Event, or at our option, prior to any Change of Control but after the public announcement of the pending Change of Control, we will send, by first class mail, a notice to each holder, with a copy to the trustee, which notice will govern the terms of the Change of Control Offer, stating:

- (i) that such Change of Control Repurchase Event has occurred or is pending and that such holder has the right to require us to repurchase such holder's notes at a purchase price in cash equal to 101% of the principal amount of the notes, plus accrued and unpaid interest, if any, to, but not including, the date of repurchase (subject to the right of holders of record on the relevant interest record date to receive interest due on the relevant interest payment date) (the "*Change of Control Payment*");
- (ii) if such notice is mailed prior to the date of consummation of the Change of Control, that the Change of Control Offer is conditioned on the Change of Control being consummated on or prior to the Change of Control Payment Date;
- (iii) the date of repurchase (which shall be no earlier than 30 days nor later than 60 days from the date the Change of Control Offer is mailed) (the "*Change of Control Payment Date*"); and
- (iv) the procedures determined by us, consistent with the indenture, that a holder must follow in order to have its notes repurchased.

On the Change of Control Payment Date, we will, to the extent lawful:

- (a) accept for payment all notes or portions of notes (equal to \$2,000 and integral multiples of \$1,000 in excess thereof) properly tendered pursuant to the Change of Control Offer;
- (b) deposit with the paying agent an amount equal to the Change of Control Payment in respect of all notes or portions of notes so tendered; and
- (c) deliver or cause to be delivered to the trustee the notes so accepted together with an officers' certificate stating the aggregate principal amount of notes or portions of notes being repurchased by us and, to the extent applicable, an executed new note or notes evidencing any

Table of Contents

unpurchased portion of any note or notes surrendered for which the trustee shall be required to authenticate and deliver a new note or notes as provided below.

The trustee will promptly mail, or cause the paying agent to promptly mail, to each holder of notes so tendered the Change of Control Payment for such notes, and the trustee will promptly authenticate and mail (or cause to be transferred by book entry) to each holder a new note equal in principal amount to any unpurchased portion of the notes surrendered, if any, provided that each such new note will be in a principal amount of \$2,000 and integral multiples of \$1,000 in excess thereof.

If the Change of Control Payment Date is on or after an interest record date and on or before the related interest payment date, any accrued and unpaid interest, if any, will be paid to the person in whose name a note is registered at the close of business on such interest record date, and no additional interest will be payable to holders who tender pursuant to the Change of Control Offer.

Except as described above with respect to a Change of Control Repurchase Event, the indenture does not contain provisions that permit the holders to require us to repurchase or redeem the notes in the event of a takeover, recapitalization or similar transaction.

We will not be required to make the Change of Control Offer upon a Change of Control Repurchase Event if a third party makes an offer in the manner, at the times and otherwise in compliance with the requirements set forth in the indenture applicable to the Change of Control Offer made by us and repurchases all notes validly tendered and not withdrawn under such offer.

We will comply, to the extent applicable, with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws or regulations thereunder to the extent those laws and regulations are applicable in connection with the repurchase of the notes as a result of a Change of Control Repurchase Event. To the extent that the provisions of any such securities laws or regulations conflict with the Change of Control Offer provisions of the notes, we will comply with those securities laws and regulations and will not be deemed to have breached our obligations under the Change of Control Offer provisions of the notes by virtue of any such conflict.

Our ability to repurchase notes pursuant to the Change of Control Offer may be limited by a number of factors. Certain events that may constitute a change of control under our other senior indebtedness and indebtedness of our subsidiaries and cause a default under the agreements related to such indebtedness may not constitute a Change of Control Repurchase Event under the indenture. Future indebtedness of ours and our subsidiaries may also contain prohibitions of certain events that would constitute a Change of Control Repurchase Event or require such indebtedness to be repurchased upon a Change of Control Repurchase Event. Moreover, the exercise by the holders of their right to require us to repurchase the notes could cause a default under such indebtedness, even if a Change of Control Repurchase Event itself does not, due to the financial effect of such repurchase on us. Finally, our ability to pay cash to the holders upon a repurchase may be limited by our then existing financial resources. We cannot assure you that sufficient funds will be available when necessary to make any required repurchases.

Even if sufficient funds were otherwise available, the terms of our future indebtedness may prohibit our prepayment of the notes before their scheduled maturity. Consequently, if we are not able to prepay our senior indebtedness and any such other indebtedness containing similar restrictions or obtain requisite consents, we will not be able to fulfill our repurchase obligations if holders of notes exercise their repurchase rights following a Change of Control Repurchase Event, resulting in a default under the indenture. A default under the indenture will result in a cross-default under our other senior indebtedness, including under our revolving credit facility.

The Change of Control Repurchase Event provisions described above may deter certain mergers, tender offers and other takeover attempts involving us by increasing the capital required to effectuate such transactions. The definition of "Change of Control" below includes a disposition of all or

Table of Contents

substantially all of our property and assets and our subsidiaries taken as a whole to any person. Although there is a limited body of case law interpreting the phrase "substantially all," there is no precise established definition of the phrase under applicable law. Accordingly, in certain circumstances there may be a degree of uncertainty as to whether a particular transaction would involve a disposition of "all or substantially all" of the property or assets of a person. As a result, it may be unclear as to whether or not a Change of Control, and thus a Change of Control Repurchase Event, has occurred and whether or not a holder of notes may require us to make an offer to repurchase the notes as described above. The provisions under the indenture relative to our obligation to make an offer to repurchase the notes as a result of a Change of Control Repurchase Event may be waived or modified with the written consent of the holders of a majority in principal amount of the outstanding notes.

For purposes of this " Change of Control" section, the following terms have the following meanings:

"*Change of Control*" means:

the consummation of any transaction (including without limitation, any merger or consolidation) the result of which is that any "person" (as such term is used in Sections 13(d)(3) of the Exchange Act) becomes the "beneficial owner" (as defined in Rules 13d-3 and 13d-5 under the Exchange Act, except that such person shall be deemed to have "beneficial ownership" of all shares that any such person has the right to acquire, whether such right is exercisable immediately or only after the passage of time), directly or indirectly, of more than 50% of the total voting power of our Voting Stock (or our successor by merger, consolidation or purchase of all or substantially all of our assets) (for the purposes of this clause, such person shall be deemed to beneficially own any of our Voting Stock held by a parent entity, if such person "beneficially owns" (as defined above), directly or indirectly, more than a majority of the voting power of the Voting Stock of such parent entity); or

we consolidate with, or merge with or into, any person, or any person consolidates with, or merges with or into, us, in any such event pursuant to a transaction in which any of our outstanding Voting Stock or outstanding Voting Stock of such other person is converted into or exchanged for cash, securities or other property, other than any such transaction where the shares of our Voting Stock outstanding immediately prior to such transaction constitute, or are converted into or exchanged for, a majority of the Voting Stock of the surviving person immediately after giving effect to such transaction; or

the first day on which a majority of the members of our board of directors are not Continuing Directors; or

the direct or indirect sale, lease, transfer, conveyance or other disposition (other than by way of merger or consolidation), in one or a series of related transactions, of all or substantially all of our assets and the assets of the subsidiaries taken as a whole to any "person" (as such term is used in Sections 13(d) and 14(d) of the Exchange Act), other than to us or one of our subsidiaries; or

the adoption by our stockholders of a plan or proposal for our liquidation or dissolution.

Notwithstanding the foregoing, a transaction will not be considered to be a Change of Control if (a) we become a direct or indirect wholly owned subsidiary of a holding company and (b) immediately following that transaction, (1) the direct or indirect holders of the Voting Stock of the holding company are substantially the same as the holders of our Voting Stock immediately prior to that transaction or (2) no person or group is the beneficial owner, directly or indirectly, of more than a majority of the total voting power of the Voting Stock of the holding company.

Table of Contents

"*Change of Control Repurchase Event*" means the occurrence of both a Change of Control and a Rating Decline with respect to such Change of Control. Notwithstanding anything in this " Change of Control" section, no Change of Control Repurchase Event will be deemed to have occurred in connection with any particular Change of Control unless and until such Change of Control has actually been consummated.

"*Continuing Directors*" means, as of any date of determination, any member of our board of directors who (a) was a member of our board of directors on the date of issuance of the notes or (b) was nominated for election or elected to our board of directors with the approval of a majority of the Continuing Directors who were members of our board of directors at the time of such nomination or election.

"*Investment Grade*" means BBB- or higher by S&P and Baa3 or higher by Moody's, or the equivalent of such ratings by S&P or Moody's or, if either S&P or Moody's shall not make a rating on the notes publicly available, another Rating Agency.

"*Moody's*" means Moody's Investors Service Inc. and its successors.

"*Rating Agency*" means each of S&P and Moody's or, to the extent S&P or Moody's or both do not make a rating on the notes publicly available, a "nationally recognized statistical rating organization" (within the meaning of Rule 15c3-1(c)(2)(vi)(F) under the Exchange Act) or "organizations", as the case may be, selected by us (as certified by a resolution of our board of directors), which shall be substituted for S&P or Moody's, or both, as the case may be.

"*Rating Decline*" means, with respect to a Change of Control, the notes cease to be rated Investment Grade by each Rating Agency on any date during the period ("*Trigger Period*") from the date of the public notice of an arrangement that could result in such Change of Control until 60 days following the consummation of such Change of Control (which Trigger Period will be extended for so long as the rating on the notes is under publicly announced consideration for a possible downgrade by either of the Rating Agencies).

"*S&P*" means Standard & Poor's Ratings Service, a division of The McGraw-Hill Companies, Inc. and its successors.

"*Voting Stock*" of any specified person as of any date means the capital stock of such person that is at the time entitled to vote generally in the election of the board of directors, managers or trustees, as applicable, of such person.

Additional Information

See "Description of the Senior Debt Securities" in the accompanying prospectus for additional important information about the notes, including general information about the indenture, amendments and waivers to the indenture and the notes, permissible transfer and exchange of the notes, defeasance, the governing law of the indenture and the notes, the trustee, book-entry delivery and settlement of the notes, as well as a description of additional restrictions and covenants contained in the indenture, and a description of the events of default under the indenture.

Table of Contents

MATERIAL UNITED STATES FEDERAL INCOME TAX CONSEQUENCES FOR NON-U.S. HOLDERS

The following is a summary of material U.S. federal income tax consequences of the purchase, ownership and disposition of the notes. Except where noted, this summary deals only with notes held as capital assets by a non-U.S. holder (as defined herein) who purchases notes in this offering at their issue price, which is the first price at which a substantial amount of the notes is sold to investors, excluding sales to the underwriters or to similar persons acting in the capacity of placement agents or wholesalers. This summary is based upon the provisions of the Internal Revenue Code of 1986, as amended, or the Code, the Treasury Regulations promulgated thereunder and judicial and administrative rulings and decisions now in effect, all of which are subject to change or differing interpretations, possibly with retroactive effect. This summary does not purport to address all aspects of U.S. federal income taxation that may affect particular investors in light of their individual circumstances, or certain types of investors subject to special treatment under the U.S. federal income tax laws, such as persons that mark to market their securities, financial institutions, regulated investment companies, real estate investment trusts, corporations subject to the accumulated earnings tax, holders subject to the alternative minimum tax, individual retirement and other tax-deferred accounts, tax-exempt organizations, brokers, dealers in securities, currencies or commodities, certain former U.S. citizens or long-term residents, insurance companies, persons that hold notes as part of a hedge against currency or interest rate risks or that hold notes as part of a position in a constructive sale, straddle, conversion transaction or other integrated transaction for U.S. federal income tax purposes, partnerships or other pass-through entities and investors in such entities and subsequent purchasers of the notes. This summary does not address any aspect of state, local or foreign taxation or any U.S. federal tax other than the income tax.

For purposes of this summary, a "*U.S. holder*" is a beneficial owner of a note that is, for U.S. federal income tax purposes:

- (i) an individual citizen or resident of the United States;
- (ii) a corporation, or other entity treated as a corporation for U.S. federal income tax purposes, created or organized in or under the laws of the United States, any state thereof or the District of Columbia;
- (iii) an estate, the income of which is subject to U.S. federal income taxation regardless of its source; or
- (iv) a trust, if (a) a court within the United States is able to exercise primary jurisdiction over administration of the trust and one or more U.S. persons have authority to control all substantial decisions of the trust or (b) it has a valid election in effect to be treated as a U.S. person.

For purposes of this summary, a "*non-U.S. holder*" is a beneficial owner of a note that is neither a U.S. holder nor a partnership (including an entity or arrangement treated as a partnership for U.S. federal income tax purposes).

If a partnership (including an entity or arrangement treated as a partnership for U.S. federal income tax purposes) is a beneficial owner of notes, the tax treatment of a partner will generally depend upon the status of the partner and the activities of the partnership. Partnerships that hold notes (and partners in such partnerships) should consult their tax advisors.

Payments of interest. Subject to the discussion below concerning backup withholding, payments of interest on a note received or accrued by a non-U.S. holder generally will not be subject to U.S. federal income or withholding tax, as long as the non-U.S. holder:

does not conduct a trade or business in the United States with respect to which the interest is effectively connected;

Table of Contents

does not actually, indirectly or constructively own 10% or more of the total combined voting power of all classes of our stock entitled to vote, within the meaning of Section 871(h)(3) of the Code;

is not a "controlled foreign corporation" with respect to which we are a "related person" within the meaning of Section 881(c)(3)(C) of the Code;

is not a bank whose receipt of the interest is described in Section 881(c)(3)(A) of the Code; and

satisfies the certification requirements described below.

The certification requirements will be satisfied if either (a) the beneficial owner of the note timely certifies, under penalties of perjury, to us or to the person who otherwise would be required to withhold U.S. tax that such owner is a non-U.S. holder and provides its name and address or (b) a custodian, broker, nominee or other intermediary acting as an agent for the beneficial owner (such as a securities clearing organization, bank or other financial institution that holds customers' securities in the ordinary course of its trade or business) that holds the note in such capacity timely certifies, under penalties of perjury, to us or to the person who otherwise would be required to withhold U.S. tax that such statement has been received from the beneficial owner of the note by such intermediary, or by any other financial institution between such intermediary and the beneficial owner, and furnishes to us or to the person who otherwise would be required to withhold U.S. tax a copy thereof. In general, the foregoing certification may be provided on a properly completed IRS Form W-8BEN or W-8IMY, as applicable.

A non-U.S. holder that is not exempt from tax under the foregoing rules generally will be subject to U.S. federal income tax withholding on payments of interest at a rate of 30% unless:

the interest is effectively connected with a U.S. trade or business conducted by such holder (and, if an applicable income tax treaty so provides, is attributable to a permanent establishment maintained in the United States by the non-U.S. holder), in which case the non-U.S. holder will be subject to U.S. federal income tax on a net income basis at the rate applicable to U.S. holders generally; or

an applicable income tax treaty provides for a lower rate of, or exemption from, withholding tax.

To claim the benefit of an income tax treaty or to claim exemption from withholding because income is effectively connected with a U.S. trade or business, the non-U.S. holder must timely provide the appropriate, properly executed IRS forms. Certification to claim income is effectively connected with a U.S. trade or business is generally made on IRS Form W-8ECI. Certification to claim the benefit of an income tax treaty is generally made on IRS Form W-8BEN. These forms may be required to be periodically updated.

A non-U.S. holder that is treated as a corporation for U.S. federal income tax purposes and has effectively connected interest income (as described in the first bullet point above) may also, under certain circumstances, be subject to an additional "branch profits tax," which is generally imposed on a foreign corporation on the deemed repatriation from the United States of effectively connected earnings and profits, at a 30% rate, unless the rate is reduced or eliminated by an applicable income tax treaty.

Sale, exchange or other taxable disposition of a note. A non-U.S. holder generally will not be subject to U.S. federal income tax on any gain realized on the sale, exchange, retirement or other taxable disposition of a note unless (a) such gain is effectively connected with the conduct by the non-U.S. holder of a U.S. trade or business (and, if an applicable income tax treaty so provides, is attributable to a permanent establishment maintained in the United States by the non-U.S. holder) or (b) in the case of a non-U.S. holder who is an individual, the holder is present in the United States for 183 days or more during the taxable year in which such gain is realized and certain other conditions exist.

Table of Contents

Except to the extent that an applicable income tax treaty otherwise provides, generally a non-U.S. holder will be taxed in the same manner as a U.S. holder with respect to gain that is effectively connected with the non-U.S. holder's conduct of a U.S. trade or business. A non-U.S. holder that is treated as a corporation for U.S. federal income tax purposes may also, under certain circumstances, be subject to the branch profits tax as described above.

Information reporting and backup withholding. Payments of interest to a non-U.S. holder, and amounts withheld from such payments, if any, generally will be reported to the IRS and to the non-U.S. holder. Copies of applicable IRS information returns may be made available under the provisions of a specific tax treaty or agreement to the tax authorities of the country in which the non-U.S. holder resides. Non-U.S. holders are generally exempt from backup withholding, currently at a rate of 28 percent, and additional information reporting on payments of principal, premium (if any), or interest (in the case of backup withholding), provided that the non-U.S. holder (a) certifies its nonresident status on the appropriate IRS Form (or a suitable substitute form) and certain other conditions are met or (b) otherwise establishes an exemption. Backup withholding is not an additional tax. Any backup withholding tax generally will be allowed as a credit or refund against the non-U.S. holder's U.S. federal income tax liability, provided that the required information is timely furnished to the IRS.

Table of Contents

CERTAIN ERISA CONSIDERATIONS

The following is a summary of certain considerations associated with the purchase of the notes by employee benefit plans that are subject to Title I of the Employee Retirement Income Security Act of 1974, as amended ("*ERISA*"), plans, individual retirement accounts and other arrangements that are subject to Section 4975 of the Code or provisions under any other federal, state, local, non-U.S. or other laws or regulations that are similar to such provisions of the Code or ERISA (collectively, "*Similar Laws*"), and entities whose underlying assets are considered to include assets of any such plan, account or arrangement (each, a "*Plan*").

General Fiduciary Matters

ERISA and the Code impose certain duties on persons who are fiduciaries of a Plan subject to Title I of ERISA or Section 4975 of the Code (an "*ERISA Plan*") and prohibit certain transactions involving the assets of an ERISA Plan and its fiduciaries or other interested parties. Under ERISA and the Code, any person who exercises any discretionary authority or control over the management of an ERISA Plan or exercises any authority or control over the management or disposition of an ERISA Plan's assets, or who renders investment advice for a fee or other compensation to an ERISA Plan, is generally considered to be a fiduciary of the ERISA Plan.

In considering an investment in the notes of a portion of the assets of any Plan, a fiduciary should determine whether the investment is in accordance with the documents and instruments governing the Plan and the applicable provisions of ERISA, the Code or any Similar Law relating to a fiduciary's duties to the Plan including, without limitation, the prudence, diversification, delegation of control and prohibited transaction provisions of ERISA, the Code and any other applicable Similar Laws.

Governmental plans (as defined under Section 3(32) of ERISA), certain church plans (as defined under Section 3(33) of ERISA) and non-U.S. plans (as define under Section 4(b)(4) of ERISA) are not subject to the prohibited transaction provisions of ERISA and the Code. Such plans may, however, be subject to Similar Laws which may affect their investment in the notes. Any fiduciary of such a governmental, church plan or non-U.S. plan considering an investment in the notes should determine the need for, and the availability, if necessary, of any exemptive relief under any applicable Similar Law.

Prohibited Transaction Issues

Section 406 of ERISA and Section 4975 of the Code prohibit ERISA Plans from engaging in specified transactions involving plan assets with persons or entities who are "parties in interest," within the meaning of ERISA, or "disqualified persons," within the meaning of Section 4975 of the Code, unless an exemption is available. A party in interest or disqualified person who engaged in a non-exempt prohibited transaction may be subject to excise taxes and other penalties and liabilities under ERISA and the Code. In addition, the fiduciary of the ERISA Plan that engaged in such a non-exempt prohibited transaction may be subject to penalties and liabilities under ERISA and the Code. The acquisition and/or holding of the notes by an ERISA Plan with respect to which we or the underwriters are considered a party in interest or a disqualified person may constitute or result in a direct or indirect prohibited transaction under Section 406 of ERISA and/or Section 4975 of the Code, unless the investment is acquired and is held in accordance with an applicable statutory, class or individual prohibited transaction exemption. In this regard, the U.S. Department of Labor has issued prohibited transaction class exemptions, or "*PTCEs*," that may apply to the acquisition and holding of the notes. These class exemptions include, without limitation, PTCE 84-14 respecting transactions determined by independent qualified professional asset managers, PTCE 90-1 respecting insurance company pooled separate accounts, PTCE 91-38 respecting bank collective investment funds, PTCE 95-60 respecting life insurance company general accounts and PTCE 96-23 respecting transactions

Table of Contents

determined by in-house asset managers. In addition, Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code provide relief from the prohibited transaction provisions of ERISA and Section 4975 of the Code for certain transactions, provided that neither the party in interest nor any of its affiliates (directly or indirectly) has or exercises any discretionary authority or control or renders any investment advice with respect to the ERISA Plan assets involved in the transaction, and provided further that the ERISA Plan pays no more than adequate consideration in connection with the transaction. There can be no assurance that all of the conditions of any such exemptions will be satisfied.

Because of the foregoing, the notes should not be purchased or held by any person investing assets of any Plan, unless such purchase and holding will not constitute a non-exempt prohibited transaction under ERISA and the Code or a similar violation of any applicable Similar Laws.

Representation

Accordingly, by acceptance of a note, each purchaser and subsequent transferee of a note will be deemed to have represented and warranted that either (i) no portion of the assets used by such purchaser or transferee to acquire and hold the notes constitutes assets of any Plan or (ii) the purchase and holding of the notes by such purchaser or transferee will not constitute a non-exempt prohibited transaction under Section 406 of ERISA or Section 4975 of the Code or a similar violation under any applicable Similar Laws.

The foregoing discussion is general in nature and is not intended to be all inclusive. Due to the complexity of these rules and the penalties that may be imposed upon persons involved in non-exempt prohibited transactions, it is particularly important that fiduciaries or other persons considering purchasing the notes on behalf of, or with the assets of, any Plan, consult with their counsel regarding the potential applicability of ERISA, Section 4975 of the Code and any Similar Laws to such investment and whether an exemption would be applicable to the purchase and holding of the notes.

Table of Contents

UNDERWRITING

We and the underwriters named below have entered into an underwriting agreement with respect to the notes. Banc of America Securities LLC and J.P. Morgan Securities Inc. are acting as representatives of the several underwriters. Subject to the terms and conditions in the underwriting agreement, we have agreed to sell to each underwriter, and each underwriter has severally agreed to purchase from us, the principal amount of notes that appears opposite its name in the table below:

Name of Underwriters	Principal Amount of Notes
Banc of America Securities LLC	\$
J.P. Morgan Securities Inc.	
Deutsche Bank Securities Inc.	
Wells Fargo Securities, LLC	
TOTAL	\$

The underwriting agreement provides that the obligations of the underwriters to purchase the notes included in this offering are subject to approval of legal matters by counsel and to other conditions. The underwriters have agreed to purchase all of the notes if any of them are purchased.

The underwriters initially propose to offer the notes to the public at the public offering price that appears on the cover page of this prospectus supplement. The underwriters may offer the notes to selected securities dealers at the public offering price minus a concession of up to % of the principal amount of the notes. In addition, the underwriters may allow, and those selected dealers may reallow, a concession of up to % of the principal amount to certain other brokers or dealers. After the initial offering, the underwriters may change the public offering price and any other selling terms. The underwriters may offer and sell notes through certain of their affiliates. The offering of the notes by the underwriters is subject to receipt and acceptance and subject to the underwriters' right to reject any order in whole or in part.

In the underwriting agreement, we have agreed that:

We will pay our expenses related to the offering, which we estimate will be \$753,000, excluding underwriting discounts and commissions.

We will indemnify the underwriters against certain liabilities, including liabilities under the Securities Act, or contribute to payments that the underwriters may be required to make in respect of those liabilities.

The following table shows the underwriting discounts and commissions that we will pay to the underwriters in connection with this offering of the notes (expressed as a percentage of the principal amount of the notes):

Per note	Paid by the Company	%
Total	\$	

The notes are a new issue of securities, and there is currently no established trading market. We do not intend to apply for the notes to be listed on any securities exchange or to arrange for the notes to be quoted on any quotation system. The underwriters have advised us that they intend to make a

Table of Contents

market in the notes, but they are not obligated to do so. The underwriters may discontinue any market making in the notes at any time without notice in their sole discretion. Therefore, we cannot assure you that a liquid trading market will develop for the notes, that you will be able to sell your notes at a particular time or that the prices that you receive when you sell will be favorable.

In connection with this offering of the notes, the underwriters may engage in overallocments, stabilizing transactions and syndicate covering transactions in accordance with Regulation M under the Exchange Act. Overallocation involves sales in excess of the offering size, which creates a short position for the underwriters. Stabilizing transactions involve bids to purchase the notes in the open market for the purpose of pegging, fixing or maintaining the price of the notes, as applicable. Syndicate covering transactions involve purchases of the notes in the open market after the distribution has been completed in order to cover short positions. Stabilizing transactions and syndicate covering transactions may cause the price of the notes to be higher than it would otherwise be in the absence of those transactions. If the underwriters engage in stabilizing or syndicate covering transactions, they may discontinue them at any time.

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a "*Relevant Member State*"), each underwriter has represented and agreed that with effect from and including the date on which the Prospectus Directive is implemented in that Relevant Member State (the "*Relevant Implementation Date*") it has not made and will not make an offer of notes to the public in that Relevant Member State prior to the publication of a prospectus in relation to the notes which has been approved by the competent authority in that Relevant Member State or, where appropriate, approved in another Relevant Member State and notified to the competent authority in that Relevant Member State, all in accordance with the Prospectus Directive, except that it may, with effect from and including the Relevant Implementation Date, make an offer of notes to the public in that Relevant Member State at any time:

to legal entities which are authorized or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;

to any legal entity which has two or more of (1) an average of at least 250 employees during the last financial year, (2) a total balance sheet of more than €43,000,000 and (3) an annual net turnover of more than €50,000,000, as shown in its last annual or consolidated accounts;

to fewer than 100 natural or legal persons (other than qualified investors as defined in the Prospectus Directive) subject to obtaining the prior consent of the representatives for any such offer; or

in any other circumstances which do not require the publication by Amphenol Corporation of a prospectus pursuant to Article 3 of the Prospectus Directive.

For the purposes of this provision, the expression an "offer of notes to the public" in relation to any notes in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the notes to be offered so as to enable an investor to decide to purchase or subscribe the notes, as the same may be varied in that Relevant Member State by any measure implementing the Prospectus Directive in that Relevant Member State and the expression "*Prospectus Directive*" means Directive 2003/71/EC of the European Union and includes any relevant implementing measure in each Relevant Member State.

This prospectus supplement is only being distributed to and is only directed at (i) persons who are outside the United Kingdom, (ii) to investment professionals falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (iii) high net worth entities, and other persons to whom it may lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). The notes are only available to, and any invitation, offer or agreement to subscribe, purchase or

Table of Contents

otherwise acquire such notes will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely on this document or any of its contents.

The notes may not be offered or sold by means of any document other than (1) in circumstances which do not constitute an offer to the public within the meaning of the Companies Ordinance (Cap.32, Laws of Hong Kong), or (2) to "professional investors" within the meaning of the Securities and Futures Ordinance (Cap.571, Laws of Hong Kong) and any rules made thereunder, or (3) in other circumstances which do not result in the document being a "prospectus" within the meaning of the Companies Ordinance (Cap.32, Laws of Hong Kong), and no advertisement, invitation or document relating to the notes may be issued or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong Kong (except if permitted to do so under the laws of Hong Kong) other than with respect to notes which are or are intended to be disposed of only to persons outside Hong Kong or only to "professional investors" within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

The notes have not been and will not be registered under the Financial Instruments and Exchange Law of Japan and each underwriter has agreed that it will not offer or sell any securities, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan (which term as used herein means any person resident in Japan, including any corporation or other entity organized under the laws of Japan), or to others for re-offering or resale, directly or indirectly, in Japan or to a resident of Japan, except pursuant to an exemption from the registration requirements of, and otherwise in compliance with, the Financial Instruments and Exchange Law and any other applicable laws, regulations and ministerial guidelines of Japan.

This prospectus supplement and the accompanying prospectus have not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus supplement and the accompanying prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the notes may not be circulated or distributed, nor may the notes be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (1) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the "SFA"), (2) to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA or (3) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the notes are subscribed or purchased under Section 275 of the SFA by a relevant person which is: (1) a corporation (which is not an accredited investor) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor, or (2) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary is an accredited investor, shares, debentures and units of shares and debentures of that corporation or the beneficiaries' rights and interest in that trust shall not be transferable for 6 months after that corporation or that trust has acquired the notes under Section 275 except: (a) to an institutional investor under Section 274 of the SFA or to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA; (b) where no consideration is given for the transfer; or (c) by operation of law.

Certain of the underwriters and their affiliates have, from time to time, performed, and may in the future perform, various financial advisory, commercial banking and investment banking services for us and our affiliates for which they received, or will receive, customary fees and expenses. For a discussion of certain conflicts of interest involving the underwriters, see "Conflicts of Interest."

Table of Contents

CONFLICTS OF INTEREST

Each of Banc of America Securities LLC, J.P. Morgan Securities Inc., Wells Fargo Securities, LLC or their respective affiliates are lenders, joint lead arrangers or joint book managers under our revolving credit facility, and an affiliate of Deutsche Bank Securities Inc. is the issuer under our letter of credit facility. We intend to use all of the net proceeds from the sale of the notes to repay indebtedness owed by us to the underwriters or their affiliates who are lenders under our revolving credit facility. See "Use of Proceeds." Because more than 5% of the net proceeds of the offering of the notes will be used to repay amounts owed to the underwriters or their affiliates who are members of FINRA, this offering will be conducted in compliance with the requirements of NASD Conduct Rule 2720 of FINRA.

LEGAL MATTERS

The validity of the notes will be passed upon for us by Pillsbury Winthrop Shaw Pittman LLP, New York, New York. Certain legal matters will be passed upon for the underwriters by Simpson Thacher & Bartlett LLP, New York, New York.

Table of Contents

PROSPECTUS

AMPHENOL CORPORATION

Senior Debt Securities

We may offer from time to time, in one or more offerings, senior debt securities. This prospectus describes the general terms of these senior debt securities and the general manner in which we will offer them. We will provide a supplement to accompany this prospectus each time we offer any of these senior debt securities. The accompanying prospectus supplement will contain the terms of each series of senior debt securities, describe the specific manner in which we will offer such senior debt securities, and may also supplement, update or amend information contained in this prospectus. This prospectus may not be used to offer or sell any senior debt securities unless accompanied by a prospectus supplement. You should read this prospectus and the accompanying prospectus supplement carefully before you invest.

We may offer and sell these senior debt securities, on a continuous or delayed basis, to or through one or more underwriters, dealers or agents, or directly to purchasers.

Investing in our senior debt securities involves risks. See "Risk Factors" on page 3 of this prospectus, the risk factors included in our periodic reports filed with the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended, each of which is incorporated by reference herein, and any risk factors described in the accompanying prospectus supplement, for a discussion of certain risks you should consider carefully before investing in our senior debt securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is October 29, 2009

In making your investment decision, you should rely only on the information contained or incorporated by reference in this prospectus, the accompanying prospectus supplement, any free writing prospectus filed by us with the Securities and Exchange Commission and the registration statement of which this prospectus is a part. We have not authorized anyone to provide you with any other information. If you receive any different or inconsistent information, you should not rely on it.

You should assume that the information contained in this prospectus, the accompanying prospectus supplement, any free writing prospectus and the documents incorporated by reference herein and therein, is accurate only as of their respective dates. Our business, financial condition, results of operations and prospects may have changed since those dates.

We are not making an offer to sell these senior debt securities in any jurisdiction where the offer or sale is not permitted.

TABLE OF CONTENTS

	Page
About This Prospectus	1
Forward-Looking Statements	1
Where You Can Find More Information	2
Incorporation of Certain Information By Reference	2
Risk Factors	3
Our Company	3
Use of Proceeds	3
Ratio of Earnings to Fixed Charges	4
Description of the Senior Debt Securities	5
Book-Entry Delivery and Settlement	15
Plan of Distribution	19
Legal Matters	21
Experts	21

Table of Contents

ABOUT THIS PROSPECTUS

This prospectus is part of an automatic shelf registration statement on Form S-3 that we filed with the Securities and Exchange Commission (the "SEC") under the Securities Act of 1933, as amended (the "*Securities Act*"), using a "shelf" registration, or continuous offering, process. Under this shelf registration process, we may, at any time and from time to time, issue and sell, in one or more offerings, the senior debt securities described in this prospectus.

This prospectus provides you with a general description of the senior debt securities we may offer. Each time we sell senior debt securities, we will provide a prospectus supplement that accompanies this prospectus that will provide specific information about the terms of that offering and the offered senior debt securities, including the specific amounts and prices of the senior debt securities offered. The accompanying prospectus supplement may also add, update or change information contained in this prospectus. Any information in the accompanying prospectus supplement that is inconsistent with this prospectus will modify or supersede the information in this prospectus.

The registration statement we filed with the SEC includes exhibits that provide more detail of the matters discussed in this prospectus. Statements contained in this prospectus about the provisions or contents of any agreement or other document are not necessarily complete. If the SEC's rules and regulations require that an agreement or document be filed as an exhibit to the registration statement, please see that agreement or document for a complete description of these matters.

Before making your investment decision, you should read and carefully consider this prospectus, the accompanying prospectus supplement, and the related exhibits filed with the SEC, together with the additional information in the documents referred to in the sections entitled "Where You Can Find More Information" and "Incorporation by Reference" below. Information incorporated by reference after the date of this prospectus is considered a part of this prospectus and may add, update or change information contained in this prospectus. Any information in such subsequent filings that is inconsistent with this prospectus will modify or supersede the information in this prospectus.

Unless otherwise stated, or the context otherwise requires, references in this prospectus to "we," "us," "our," "Amphenol" and "the Company" are to Amphenol Corporation and, as applicable, its consolidated subsidiaries.

FORWARD-LOOKING STATEMENTS

Certain statements in this prospectus, the accompanying prospectus supplement and the documents incorporated by reference herein and therein, that are not purely historical information, are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "*Exchange Act*"). These forward-looking statements are often, but not always, made through the use of words or phrases such as "believe," "expect," "project," "plan," "intend," "anticipate," "estimate," "predict," "potential," "continue," "may," "should" "will," "would," "will be," "will continue," "will likely result," or the negative of these terms or similar expressions. These forward-looking statements include, but are not limited to, estimates, projections and information concerning our possible or assumed future business plans and strategies, results of operations, competitive position, potential operating performance improvements, the effects of competition and the effects of future legislation or regulations.

These forward-looking statements are based on our expectations, assumptions, estimates and projections about our business and the industry in which we operate as of the respective dates on which such forward-looking statements are made, and are not guarantees of our future performance. These forward-looking statements are subject to a number of risks and uncertainties that cannot be predicted, quantified or controlled and that could cause actual results to differ materially from those set forth in, contemplated by, or underlying, the forward-looking statements. A discussion of some of the risks and uncertainties that could cause actual results and events to differ materially from these forward-looking statements is included in the section entitled "Part I, Item 1A. Risk Factors" in our Annual Report on Form 10-K and our Quarterly Reports on Form 10-Q, each of which is incorporated by reference herein. Because various factors could cause actual results or outcomes to differ materially from those

Table of Contents

expressed in these forward-looking statements, you should not place undue reliance on any of these forward-looking statements.

Except as required by law, we do not undertake any obligation to update or publicly release any revisions to any forward-looking statement made by us or on our behalf to reflect new information, future events or changes in expectations after the date on which such forward-looking statement is made.

WHERE YOU CAN FIND MORE INFORMATION

We have filed a registration statement on Form S-3 with the SEC under the Securities Act. This prospectus is part of the registration statement, but the registration statement also contains or incorporates by reference additional information and exhibits. We are subject to the informational requirements of the Exchange Act and, in accordance with these requirements, we file reports and other information relating to our business, financial condition and other matters with the SEC. We are required to disclose in such reports certain information, as of particular dates, concerning our operating results and financial condition, officers and directors, principal holders of shares, any material interests of such persons in transactions with us and other matters. Our filed reports, proxy statements and other information can be inspected and copied at the public reference facilities maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330.

The SEC also maintains a website that contains reports and other information regarding registrants like us that file electronically with the SEC. The address of the SEC's website is: <http://www.sec.gov>.

You can also obtain our Annual Reports, statements regarding our quarterly results, statements regarding any quarterly dividend payments, and other information about the Company at our website: <http://www.amphenol.com>. Our website and the information contained on our website are not part of this prospectus.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" into this prospectus the information that we have filed with the SEC, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus, and the information that we file later with the SEC will automatically update and, where applicable, modify or supersede the information in this prospectus and the documents listed below. We hereby "incorporate by reference" the following documents that have been previously filed with the SEC:

Our Annual Report on Form 10-K for the fiscal year ended December 31, 2008;