Lumen Technologies

Corporate Bond Research

Rating: FYI

Investment Classifications

Investment Category: Aggressive Income

Sector: Industrial

Recommended Sector Weight: 35% - 55%

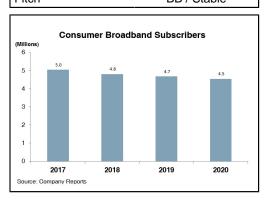
Entity Description

Lumen Technologies is the third-largest wireline communications company in the U.S. The company provides a wide range of communications services, including local and long-distance voice, Internet access, and video (television service). Additionally, the company owns fiber-based long-haul networks that carry data, including Internet traffic, long distances.

Related Bonds

Century Telephone
CenturyLink
Embarq
Level 3 Communications
Northwestern Bell Telephone
Qwest
U.S. West

Credit Ratings	
Moody's	B2 / Stable
S&P	BB- / Stable
Fitch	BB / Stable



INVESTMENT SUMMARY

As previously indicated, we are dropping coverage of Lumen Technologies bonds effective April 23, 2021, to focus resources on coverage of bonds that are more widely held by clients. Our previous opinion should not be relied upon. This report is for informational purposes only.

BOND OVERVIEW

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KEY DEVELOPMENTS

4/23/21: As previously indicated, we are dropping coverage of Lumen Technologies bonds effective April 23, 2021, to focus resources on coverage of bonds that are more widely held by clients. Our previous opinion should not be relied upon. This report is for informational purposes only.

Analyst: Brian Therien, CFA

Required Research Disclosures

April 23, 2021	BUY	HOLD	SELL
Corporate Credits	0%	75%	25%
Investment Banking	0%	0%	0%

The table lists the percent of corporate credits we follow globally in each of the equivalent rating categories. We do not assign a "Buy" rating to any corporate credits. Investment banking services indicate the percentage of those subject companies that have been investment banking clients within the last 12 months.

	ces

1	Appropriate for Income	Appropriate for Aggressive Income	Sell	FYI
Γ	Appropriate for Income – We consider bonds to be	Appropriate for Aggressive Income – We	Sell – We recommend investors sell these	FYI - For informational purposes only; factual, no
	an appropriate holding for investors seeking Income	consider bonds appropriate only as a small	bonds. We believe these bonds are no longer	opinion.
	within a well-diversified portfolio. Our time horizon is	Aggressive Income portion within a well-diversified	an appropriate fixed-income holding because, in	
		portfolio. Bonds within this category are riskier, with		
		a higher possibility of loss due to default, than bonds		
-		classified as Income. Our time horizon is 3-5 years.	years.	

Initiated Coverage (Sell) 04/01/14....(Sell) 04/01/14-04/23/21...(FYI) 04/23/21-

Analyst Certification

- I certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers; and no part of my compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report. Brian Therien, CFA
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- · Edward Jones trades as principal in the debt securities that are the subject of this research report.

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- Before investing in bonds, you should understand the risks involved, including interest rate risk, credit risk and market risk. Bond investments are subject to
 interest rate risk such that when interest rates rise, the prices of bonds can decrease, and the investor can lose principal value if the investment is sold prior to
 maturity.
- Edward Jones limits inventory positions for fixed income securities. This security may currently be subject to these internal limits; however, this should not be considered contrary to our current recommendation.
- This opinion is based on information believed reliable but not guaranteed. The foregoing is for INFORMATION ONLY. Additional information is available on request. Past performance is no guarantee of future results.
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 the price you receive in the secondary market to be lower than prices received by investors in large issues of the same issuer's bonds.
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 and should be one of many factors considered in evaluating fixed income investments. These ratings do not address suitability or future performance. N/A
 indicates no rating available.
- When investing in issuers incorporated outside your own country of residence, you should consider all other material risks such as currency risk, political
 risk, liquidity risk and accounting rules differences, which can adversely affect the value of your investment. Please consult your Financial Advisor for more
 information.
- Ratings from Standard & Poor's ("S&P"), Moody's and Fitch may be shown for certain securities. S&P requires we inform you: (1) Ratings are NOT recommendations to buy, hold, sell or make any investment decisions and DO NOT address suitability or future performance; (2) S&P DOES NOT guarantee the accuracy, completeness, or availability of any ratings and is NOT responsible for results obtained from the use of any ratings. Certain disclaimers related to its ratings are more specifically stated at http://www.standardandpoors.com/disclaimers.