CommScope Announces General Availability of STARLINE ESD 1.8 GHz Amplifiers

Jul 30, 2024

Smart, easy-to-install ESD amplifiers offer substantial upgrades for DOCSIS 3.1 networks and an incremental path to DOCSIS 4.0

CLAREMONT, N.C.--(BUSINESS WIRE)--Jul. 30, 2024-- CommScope (NASDAQ: COMM), a global leader in network connectivity, announced today the general availability of its STARLINE® 1.8 GHz Extended Spectrum DOCSIS® (ESD) amplifiers announced in October.

Available immediately, the BLE® 180 Line Extender and MB180 MiniBridger® amplifiers offer operators a simple and economical solution for introducing ESD to DOCSIS 3.1 networks as well as a clear path to DOCSIS 4.0. Both amplifiers support ultra high-split operation of up to 1794 MHz in the downstream and up to 684 MHz in the upstream to maximize network reliability and data rates.

“We designed the STARLINE 1.8 GHz ESD amplifiers for MSOs to upgrade their networks in anticipation of next-generation architectures like DOCSIS 4.0, while fully monetizing their current network assets and better serving their consumers today,” stated Guy Sucharczuk, SVP & President Access Network Solutions.

Sucharczuk continued, “By deploying the amplifiers in mid-split or high-split 1.2 GHz networks now, MSOs can optimize the performance of their DOCSIS 3.1 networks while taking an important step in future-proofing, before eventually upgrading taps and nodes. This incremental approach defers the costs per homes passed associated with an immediate DOCSIS 4.0 network upgrade—the perfect way to both plan for the future and protect an investment in next-generation technology.”

Key Features of STARLINE ESD Amplifiers

Plug-in upgradable 1.2 GHz operation: The amplifiers support the gain and tilt required for 1.2 GHz operation via a simple plug-in. The plug-in enables the increased gain operators require to upgrade high-loss spans that would otherwise require the installation of a booster amplifier, cable, and passive upgrades as well as moving amplifiers within the network—eliminating the costs and service interruptions associated with these upgrades and improvements.

Upgradable to 1.8 GHz operation: MSOs operating legacy 870 MHz, 1 GHz, and 1.2 GHz STARLINE amplifiers in their networks can easily upgrade these devices for 1.8 GHz operation by replacing the housing lids, platform assemblies, and RF modules. CommScope offers a full range of affordable upgrade kits and parts that simplify the process of converting legacy STARLINE amplifiers.

Smart app setup: The new amplifiers feature a smart setup feature activated via a downloadable app for laptops, iPhones, and Android devices. The app greatly simplifies the process of setting up and configuring the amplifier for use in the field.

Frequency split filters: Pluggable frequency split filters are accessible through each amplifier’s RF module, enabling technicians to change the operating frequency of the amplifier in the field quickly, easily, and economically.

Availability and DOCSIS 4.0 alternatives: CommScope is currently shipping orders of the new ESD amplifiers to major customers. CommScope is developing Full Duplex DOCSIS (FDX) amplifiers that also use the STARLINE form factor, offering MSOs two paths to DOCSIS 4.0 operation from the same family of amplifiers. CommScope is also developing DOCSIS 4.0 ESD and FDX models of its NC4 and OM4 Series optical nodes, which will provide MSOs with a full portfolio of active components that support both common DOCSIS 4.0 network technologies.

For more information on the CommScope STARLINE amplifier line, please visit our website.

About CommScope:

CommScope (NASDAQ: COMM) is pushing the boundaries of technology to create the world’s most advanced wired and wireless networks. Our global team of employees, innovators and technologists empower customers to anticipate what’s next and invent what’s possible. Discover more at www.commscope.com.

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This press release includes forward-looking statements that are based on information currently available to management, management’s beliefs, as well as on a number of assumptions concerning future events. Forward-looking statements are not a guarantee of performance and are subject to a number of uncertainties and other factors, which could cause the actual results to differ materially from those currently expected. In providing forward-looking statements, the company does not intend, and is not undertaking any obligation or duty, to update these statements as a result of new information, future events or otherwise.

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News Media Contact:
Luke Hamer, CommScope
Luke.Hamer@commscope.com

Financial Contact:
Massimo Disabato, CommScope
Massimo.Disabato@commscope.com

Source: CommScope