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CommScope Announces New HX6-611-6WH/B Dual-Band (6/11 GHz), Dual-Polarized Antenna

Aug 26, 2024

New antenna improves capacity and reduces installation and operational costs to future-proof microwave backhaul networks

CLAREMONT, N.C.--(BUSINESS WIRE)--Aug. 26, 2024-- [CommScope](#) (NASDAQ: COMM), a global leader in network connectivity, announced today the expansion of its ValuLine® [HX antenna line with the new HX6-611-6WH/B antenna](#), delivering a high-capacity microwave backhaul solution to meet the demands of future networks that operate in both the 6 GHz and 11 GHz bands ensuring reliable long-haul connectivity.

The four-in-one solution can replace as many as four standard microwave antennas—allowing MNOs to quickly add backhaul capacity without adding more antennas and mounting structures. The HX6-611-6WH/B antenna directly addresses the challenges of future-proofing wireless backhuls while reducing total cost of ownership through an easy-to-install, high-efficiency design.

"We designed the new HX6-611-6WH/B antenna to deliver the capacity for tomorrow's networks in the same footprint as today's antennas, so our MNO customers can quickly and reliably scale to their networks of the future," stated Mike Guerin, SVP, Outdoor Wireless Networks, CommScope. "Our microwave antennas are field-tested to deliver excellent gain and consistent radiation pattern envelopes (RPEs), delivering true-to-spec performance that will handle high-capacity, long-haul connectivity in the most demanding environments, for years to come."

Key Features of HX Antennas

Improved performance

- Boost capacity with dual-frequency/dual-polarization.
- FCC Category A and ETSI 302 217 compliant.
- High-gain, consistently accurate radiated pattern performance.
- Excellent XPD characteristics minimize interference.
- Support for 6 GHz and 11 GHz ensures reliable long-haul connectivity.
- Provides backup for critical links to ensure service availability.

Reduced costs and ramp-up time

- Single antenna replaces as many as four microwave backhaul antennas.
- Fewer antennas equate to lower tower leasing and modification costs.
- Reduces installation, freight and energy costs.
- Uses same packaging and mounting hardware as all CommScope® 6ft HX antennas.

For more information on CommScope ValuLine HX and Sentinel® USX antennas, please visit [our website](#).

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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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