COMMSCOPE®

HELIAX® Innovative Connectors

When it comes to connectivity speed and reliability, mobile operators, OEMs, and communication equipment suppliers trust CommScope HELIAX® connectors. Tool-free deployment helps reduce the need for a torque wrench, reducing installation time, especially in crowded or hard-to-reach areas. Reduced mating errors make HELIAX connectors the ideal solution for applications requiring high connector counts.

Push-Pull	M-LOC Cluster	Device-to-Device	Board-to-Board
Features			
• 10x faster install time than traditional torque connector • Patented push-pull lock mechanism • Leading electrical, mechanical, environmental performance • Available for all HELIAX 1/2- & 3/8-inch cables using 4.3-10 connectors • Factory installed or field terminated	• Multiport coaxial connector • Patented latching mechanism • Four and five-port configurations • Compact form factor and footprint • Available with 1/4-inch and low loss 3/8-inch cable jumpers • Provides dynamic PIM performance	• Easy to install on high-port count or hard-to-reach connectorized devices and systems • Simultaneous mating with patented two-piece, blind-mate connector system • Variety of interface and cable types • Hardened mechanical construction that withstands rigorous shock and vibe testing for reliable environmental performance • IP68 waterproof rated	• Dynamic PIM rated performance • Broadband return loss over all mating conditions • Standardized interface available • Robust and repeatable performance • Float capability for reliable blind-mating • Test connectors and adaptors available • Customized solutions available upon request
Applications			
• Outdoor macro and small-cell sites • Base station devices • In-building communications • Automotive • Test and measurement	• Outdoor macro and small-cell sites • 5G multiband antennas • Multiport communication devices	• Outdoor macro cell sites (zero-footprint) • Automated test systems • Device-to-device or module-to-module interconnects	• OEM radio, Antenna and filter product manufacturing • PCB-to-PCB connectivity • PCB-to-Module connectivity

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