



DATA SHEET

DESCRIPTION

Next generation WIMAX and Long Term Evolution (LTE) Fiber To The Antenna (FTTA) connectivity designs require rugged cable assemblies for outdoor use. For direct connection these cable assemblies need to plug directly into the optical transceivers through a bulkhead construction.

For this specific application the connector design will need to accommodate for a large tolerance in Z-direction. Furthermore the connector shell needs to allow for easy one handed mating. The TE Connectivity FullAXS connector systems were designed to function with a very large Z-axis tolerance, hence accommodating for the broadest range of transceivers on the market. This unique feature will allow end users to pick almost any transceiver they wish.

APPLICATIONS

- WIMAX and LTE Base Stations
- Remote Radio Heads (RRH)
- Industrial outdoor applications
- Robotics
- Aerospace & Defense

FEATURES AND BENEFITS

- Custom Lengths
- FullAXS Duplex LC to either LC or SC
- Available Indoor/Outdoor LSZH, OFNR or OFNP
- Available Singlemode or Multimode OM3
- 100% tested and serialized Fiber Assemblies
- Compact IP65 sealed connector
- Positive mechanical feedback to operator when fully mated
- Water proof, dust proof and corrosion resistant.

The FullAXS name and connector are registered trademarks of TE Connectivity.

FullAXS Fiber to the Antenna Cable Assemblies