

# FULLAXS™ LC Duplex Outdoor Cable

## DESCRIPTION

FULLAXS™ (LC) Outdoor Cable Assemblies is commonly used in some Ericsson Remote Radio Heads, the shell encloses duplex LC connectors. Plugs directly into SFP at panel of RRH. FULLAXS™ is a sealing system for optical and electrical interfaces which mates directly into the SFP modules through a bulkhead construction.

## FEATURES

- Open bulkhead for easy access to SFP
- IP67 water, dust proof and corrosion resistant
- Plug has tolerance free design, free floating on Z-axis.
- The material in the jumpel cable is all-weather and UV-resistant.
- Mechanical performance: IEC 61754-20 standard.
- RoHS and REACH materials compliant.
- 100% Compatible with FULLAXS Connectors and has site technical features.
- Bulkhead cutout allows for removal of transceiver through the bulkhead



## APPLICATIONS

- Multi-purpose Outdoor.
- For connection between distribution box and RRH.
- Deployment in Remote Radio Head cell tower applications
- FTTA
- Automation and industrial cabling

## SPECIFICATIONS

| Item              | Main Parameters                        |                                 |
|-------------------|--|---------------------------------|
|                   | SM                                     | MM                              |
| Insertion Loss    | Typical value≤0.15dB;Max≤0.25dB        | Typical value≤0.15dB;Max≤0.25dB |
| Return Loss       | ≥55dB(UPC), ≥65dB(APC)                 | ≥35dB(UPC)                      |
| Attenuation       | ≤0.35dB/km(1310nm), ≤0.21dB/km(1550nm) |                                 |
| Cladding Diameter | 125.0±0.7μm                            |                                 |
| Coating Diameter  | 235-245μm                              |                                 |
| Temperature       | -25°C-+70°C, 12cycles                  |                                 |
| Humidity          | +40°C at 93%, 96h duration             |                                 |
| Cable Torsion     | 15N for 2 to 3mm cable                 |                                 |

## ORDERING INFORMATION

| Description | Reference |
|-------------|-----------|
|             |           |