

Outdoor Base Station Remote Traction Cable Assemblies



Application

- FTTH Remote traction of outdoor base station
- RRU to BBU port interconnection
- 3G, 4G, LTE and distributed base stations
- Power communication systems, etc.

Features

- Low insertion loss and high return loss
- PC UPC APC end face polish
- Factory terminated (tested cables) or Field installable version available
- The material in the jumper cable is all-weather and UV-resistant
- Wide range of operational temperature for outside plant — $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$
- Customized length available
- ROHS Compliant

Standard Compliance

- TIA/EIA-568.3-D
- EIA/TIA-604 Series
- IEC 61754 Series
- GR-326-Core
- IEC 61753-1

General Specification

| Construction | Description |
|------------------------|--|
| Fiber Count | 2/4 Fibers |
| Fiber Mode | Single mode: G.652/G.657 Multimode: OM1 OM2 OM3; OM4 |
| Fiber Brand | Corning SMF-28® Ultra optical fiber Corning ClearCurve® multimode fiber |
| Cable Jacket Material | Low Smoke Zero Halogen (LSZH), UV resistant |
| Cable Jacket Color | Black or Customized |
| Branch Cable Color | SM: Blue, Yellow MM: Orange, Gray |
| Cable Overall Diameter | 7.0mm |
| Connector type | FC,SC,LC |
| Polarity | A-A.A-B (TIA-568.3-D) |
| Operating Temperature | -20°C to + 70°C |
| Storage Temperature | -40°C to + 85°C |

Technical Specification

| Optical Properties | Singlemode | Multimode |
|---------------------|--|-----------|
| Insertion Loss (dB) | UPC ≤ 0.20 | PC ≤ 0.20 |
| | APC ≤ 0.30 | |
| Return Loss (dB) | UPC ≥ 50; APC ≥ 60 | PC ≥ 20 |
| Durability | ≤ 0.3 dB typical change, 500 matings | |
| Wavelength (nm) | Singlemode: 1310/1550, Multimode: 850/1300 | |

Note: IL&RL Test method: IEC 61300-3-4 insertion B.

Cable Structure

