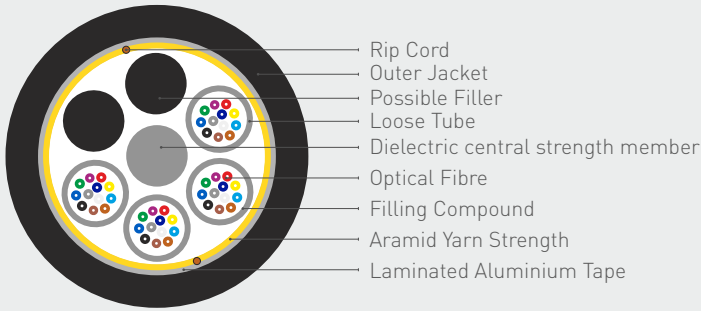
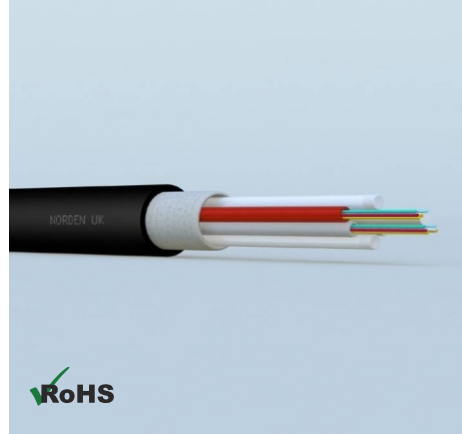


DIELECTRIC LOOSE TUBE ALUMINIUM TAPE IN/OUT OPTICAL CABLE

The cable is constructed with FRP Central Strength Member, two layer tubes with Jelly Compound for double water blocking, Aramid yarn strength member for better tensile strength and rodent protection, laminated aluminium tape as moisture barrier. Non-metallic structure and good electro-magnetic resistance. The cable is suitable for internal, external and long distance communication system. The cable has High density Polyethylene (HDPE) UV resistant outer jacket.

The cable combines robust characteristics of external cable and flexibility of internal cable. By installing this cable, costly splice at building entry can be avoided and cable can be routed from outside plant to telecommunication closets or main distribution frames (MDF) through the riser of building and eliminate "50 foot rule" for external cables. The cable is mostly used in LAN application for intra building backbone and interconnections (Campus LAN).



COMPLIANCE

- ITU-T G652.B OS1
- ITU-T G652.D/G655/G657.A1/G657.A2 OS2
- ITU-T G651.1 OM1 OM2 OM3 OM4
- IEC60793-2-10 type A1a.1/A1b OM1/OM2
- IEC60793-2-10 type A1a.2 OM3
- IEC60793-2-10 type A1a.3 OM4
- ISO/IEC 11801 , ISO/IEC 24702
- ANSI/TIA/EIA 568C.3
- ROHS compliant Directive 2002/95/EC

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

| Characteristics | Short Term | Long Term |
|-------------------|---------------------------------|---------------|
| Max. Tensile Load | 3000 N | 1000 N |
| Max. Crush Load | 2000 N/100 mm | 1000 N/100 mm |
| Operating Temp. | -40 °C to +70 °C | |
| Storage Temp. | -40 °C to +85 °C | |
| Sheath Material | High Density Polyethylene(HDPE) | |

ORDERING INFORMATION

| Part Number | Fibre Count | Outer Diameter (mm) | No. Of Fillers | Cable Weight (kg/km) | Bend Radius | |
|-----------------|-------------|------------------------|----------------|-------------------------|---------------|--------------|
| | | | | | Short (mm) | Long (mm) |
| 3157-310120S2CL | 12 | 13 | 5 | 120.0 | 20D | 10D |
| 3157-310240S2CL | 24 | 13 | 4 | 120.0 | 20D | 10D |
| 3157-310360S2CL | 36 | 13 | 3 | 120.0 | 20D | 10D |
| 3157-310480S2CL | 48 | 13 | 2 | 120.0 | 20D | 10D |
| 3157-310720S2CL | 72 | 13 | 0 | 120.0 | 20D | 10D |

DIELECTRIC LOOSE TUBE ALUMINIUM TAPE IN/OUT OPTICAL CABLE

ORDERING GUIDE

| Cable Type | Jacket | Fibre/ Tube | Fibre Count | Fibre Type (FXX) | Jacket Colour (CL) |
|------------|---------------------------|--|-----------------|--|--------------------|
| 3157 | 1=PVC 2=LSZH 3=HDPE | 1=12 F/T 2=08 F/T 3=06 F/T 4=04 F/T | No. of Fibre | OM1=62.5/125 OM1 OM2=50/125 OM2 OM3=50/125 OM3 OM4=50/125 OM4 OS1=9/125 [G652.B] OS1 OS2=9/125 [G652.D] OS2 500=9/125 [G655] OS2 7A1=9/125 [G657.A1] OS2 7A2=9/125 [G657.A2] OS2 | As noted |

CL: BK(Black), OR(Orange), YL(Yellow), GN(Green), AQ(Aqua), RD(Red), BL(Blue)

* Default value of Fibre Per Tube is "1" as per the ordering information, Follow the ordering guide for any other Specific customized fibre per tube requirement. *

PACKING INFORMATION

| Part Number | Packing Length | Packing Mode | N.W (kg) | G.W (kg) | Dimension (mm) |
|-----------------|----------------|--------------|-------------|-------------|-------------------|
| 3157-310120S2CL | 2500 x 1 | Wooden Drum | 300.0 | 325.0 | 800 x 800 x 570 |
| 3157-310240S2CL | 2500 x 1 | Wooden Drum | 300.0 | 325.0 | 800 x 800 x 570 |
| 3157-310360S2CL | 2500 x 1 | Wooden Drum | 300.0 | 325.0 | 800 x 800 x 570 |
| 3157-310480S2CL | 2500 x 1 | Wooden Drum | 300.0 | 325.0 | 800 x 800 x 570 |
| 3157-310720S2CL | 2500 x 1 | Wooden Drum | 300.0 | 325.0 | 800 x 800 x 570 |