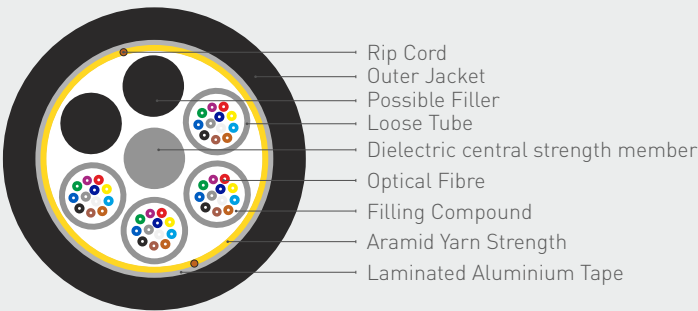
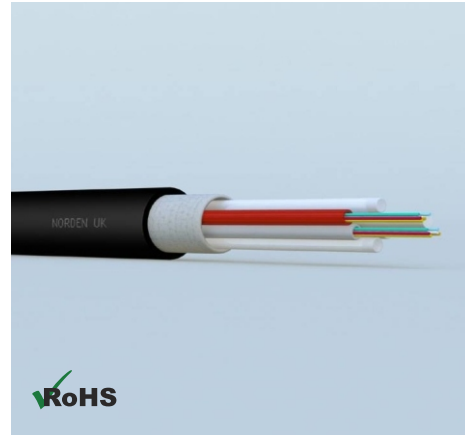


DIELECTRIC LOOSE TUBE ALUMINIUM TAPE IN/OUT OPTICAL CABLE

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 568.3-D
 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