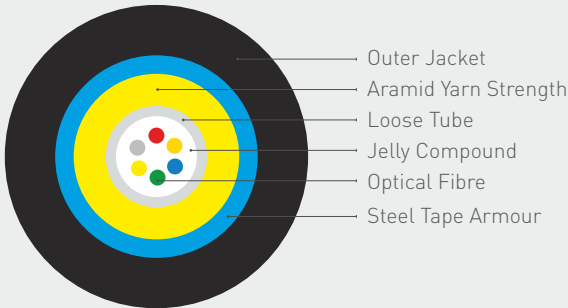
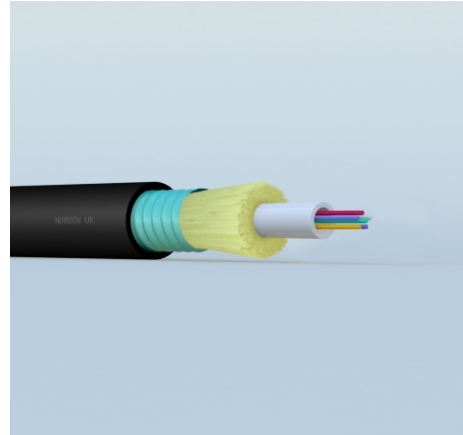


CENTRAL LOOSE TUBE ARAMID YARN STRENGTH STEEL TAPE ARMoured FIBRE OPTICAL CABLE

This cable is constructed with, Central Loose Tube with Jelly Compound which gives water and moisture protection. Aramid yarn gives better tensile strength and protection. High Mechanical and full rodent protection provided by Corrugated steel tape (CTS) armour.

The cable has excellent UV-stabilized, fire retardant and water blocking performance for external duct application (FR PE outer jacket) or Internal / External application (LSZH outer jacket). By installing this cable costly splicing 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 the "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
 LSZH: IEC 60332-1, IEC 60754, IEC 61034

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Pulling tension	1000 N	360 N
Max. Crush Load	2000 N/100mm	
Operating Temp.	-20°C to +60°C	
Storage Temp.	-40°C to +85°C	
Sheath Material	FR PE/LSZH	

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Diameter (mm)	Tube	Cable Weight (kg/km)	Bend Radius	
						Short (mm)	Long (mm)
3170-81004FXXCL	4	8.0	2.8		103	20D	10D
3170-81006FXXCL	6	8.0	2.8		103	20D	10D
3170-81008FXXCL	8	8.0	2.8		103	20D	10D
3170-81012FXXCL	12	8.0	2.8		103	20D	10D
3170-81016FXXCL	16	8.0	2.8		103	20D	10D
3170-81024FXXCL	24	8.0	2.8		103	20D	10D



CENTRAL LOOSE TUBE ARAMID YARN STRENGTH STEEL TAPE ARMoured FIBRE OPTICAL CABLE

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3170	1=PVC 2=LSZH 3=PE 8=FR PE	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)

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3170-81004FXXCL	2500 x 1	Wooden Drum	137.5	168.0	800 x 800 x 570
3170-81006FXXCL	2500 x 1	Wooden Drum	137.5	168.0	800 x 800 x 570
3170-81008FXXCL	2500 x 1	Wooden Drum	137.5	168.0	800 x 800 x 570
3170-81012FXXCL	2500 x 1	Wooden Drum	137.5	168.0	800 x 800 x 570
3170-81016FXXCL	2500 x 1	Wooden Drum	137.5	168.0	800 x 800 x 570
3170-81024FXXCL	2500 x 1	Wooden Drum	137.5	168.0	800 x 800 x 570