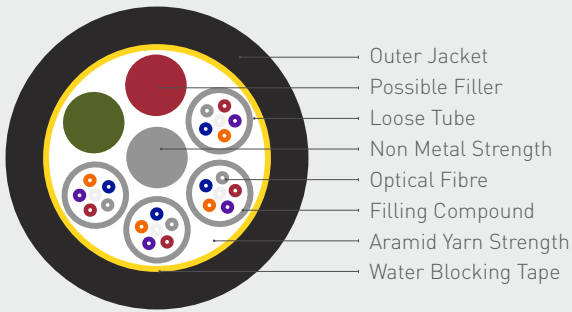
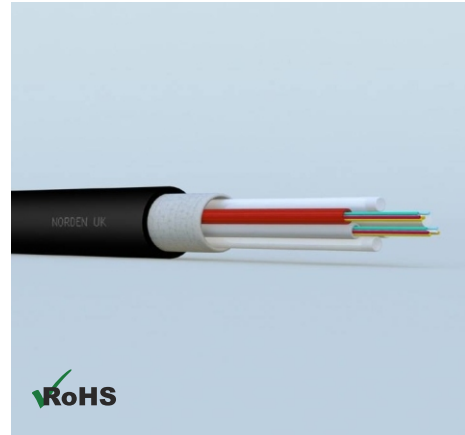


# DIELECTRIC LOOSE TUBE UNARMoured IN/OUT OPTICAL CABLE

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, PVC outer Jacket with metric print. Non-metallic structure and good electro-magnetic resistance. The cable is suitable for internal, external and long distance communication system. The cable has options of LSZH, PE & Plenum outer jacket as per customer request.

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
- IEEE 802.3z Gigabit Ethernet
- 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.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	Standard: PVC Optional: LSZH, PE or other	

# DIELECTRIC LOOSE TUBE UNARMoured IN/OUT OPTICAL CABLE

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3107-31004FXXCL	4	10.0	5	98.0	20D	10D
3107-31006FXXCL	6	10.0	5	98.0	20D	10D
3107-31008FXXCL	8	10.0	5	98.0	20D	10D
3107-31012FXXCL	12	10.0	5	98.0	20D	10D
3107-31024FXXCL	24	10.0	5	98.0	20D	10D
3107-31036FXXCL	36	10.0	5	98.0	20D	10D
3107-31048FXXCL	48	11.5	6	120.0	20D	10D
3107-31072FXXCL	72	11.5	6	120.0	20D	10D
3107-31096FXXCL	96	13.6	8	154.0	20D	10D
3107-31144FXXCL	144	17.5	12	275.0	20D	10D

## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3107	1=PVC 2=LSZH 3=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)
3107-31004FXXCL	2500 x 1	Wooden Drum	245.0	270.0	800 x 800 x 570
3107-31006FXXCL	2500 x 1	Wooden Drum	245.0	270.0	800 x 800 x 570
3107-31008FXXCL	2500 x 1	Wooden Drum	245.0	270.0	800 x 800 x 570
3107-31012FXXCL	2500 x 1	Wooden Drum	245.0	270.0	800 x 800 x 570
3107-31024FXXCL	2500 x 1	Wooden Drum	245.0	270.0	800 x 800 x 570
3107-31036FXXCL	2500 x 1	Wooden Drum	245.0	270.0	800 x 800 x 570
3107-31048FXXCL	2500 x 1	Wooden Drum	300.0	325.0	800 x 800 x 570
3107-31072FXXCL	2500 x 1	Wooden Drum	300.0	325.0	800 x 800 x 570
3107-31096FXXCL	2500 x 1	Wooden Drum	385.0	415.0	800 x 800 x 570
3107-31144FXXCL	1000 x 1	Wooden Drum	275.0	300.0	800 x 800 x 570