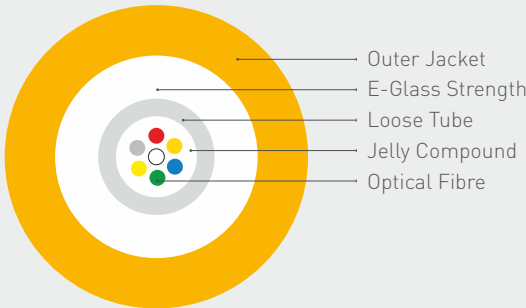
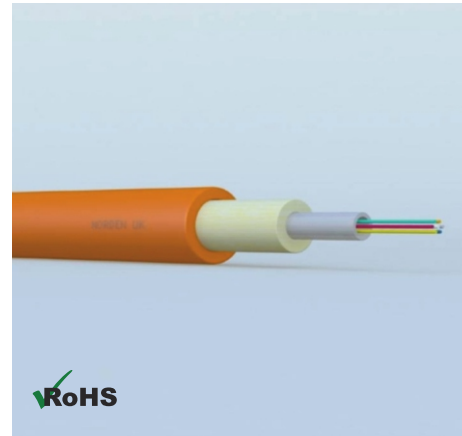


# E-GLASS STRENGTH CENTRAL LOOSE TUBE IN/OUT FIBRE OPTIC CABLE



This cable is constructed with FRP Central Strength Member, Central Loose Tube with Jelly Compound which gives water and moisture protection, E-Glass Strength Member and PVC outer Jacket with metric print. E-glass gives better tensile strength and protection. The cable has options of LSZH, PE or Plenum outer jacket as per customer request.

The cable has excellent UV-stabilized and water blocking performance for External duct application (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
Max. Tensile Load	1500 N	600 N
Max. Crush Load	1000 N/100 mm	300 N/100 mm
Operating Temp.	-20°C to +60°C	
Storage Temp.	-40°C to +85°C	
Sheath Material	Standard: PVC Optional: LSZH, PE, FR PVC (OFNP/OFNR)	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3106-11002FXXCL	2	6.0	2.8	40.0	20D	10D
3106-11004FXXCL	4	6.0	2.8	40.0	20D	10D
3106-11006FXXCL	6	6.0	2.8	40.0	20D	10D
3106-11008FXXCL	8	6.0	2.8	42.0	20D	10D
3106-11012FXXCL	12	6.0	2.8	44.0	20D	10D
3106-11016FXXCL	16	7.0	3.5	60.0	20D	10D
3106-11024FXXCL	24	8.0	3.5	65.0	20D	10D

# E-GLASS STRENGTH CENTRAL LOOSE TUBE IN/OUT FIBRE OPTIC CABLE



## ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3106	1=PVC 2=LSZH 3=PE A=OFNP 7=OFNR D=LSZH Dca	1	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), VL(Violet)

## PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3106-11002FXXCL	2500 x 1	Wooden Drum	100.0	125.0	800 x 800 x 570
3106-11004FXXCL	2500 x 1	Wooden Drum	100.0	125.0	800 x 800 x 570
3106-11006FXXCL	2500 x 1	Wooden Drum	100.0	125.0	800 x 800 x 570
3106-11008FXXCL	2500 x 1	Wooden Drum	105.0	130.0	800 x 800 x 570
3106-11012FXXCL	2500 x 1	Wooden Drum	110.0	135.0	800 x 800 x 570
3106-11016FXXCL	2500 x 1	Wooden Drum	150.0	175.0	800 x 800 x 570
3106 -11024FXXCL	2500 x 1	Wooden Drum	162.0	187.0	800 x 800 x 570

