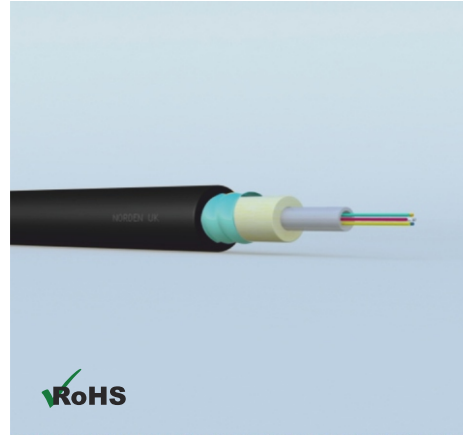


# E-GLASS STRENGTH CENTRAL LOOSE TUBE ARMOURED IN/OUT FIBRE OPTIC CABLE



This cable is constructed with Central Loose Tube with Jelly Compound which gives water and moisture protection. E-glass 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 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
Pulling tension	2000 N	800 N
Max. Crush Load	30 KN/m	
Operating Temp.	-20°C to +70°C	
Storage Temp.	-40°C to +85°C	
Sheath Material	Standard: LSZH Optional: PVC, PE or other	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
				Short (mm)	Long (mm)
3147-21004FXXCL	4	9.3	103	20D	10D
3147-21006FXXCL	6	9.3	103	20D	10D
3147-21008FXXCL	8	9.3	103	20D	10D
3147-21012FXXCL	12	9.3	103	20D	10D
3147-21016FXXCL	16	9.3	103	20D	10D
3147-21024FXXCL	24	9.3	103	20D	10D



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



## ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3147	1=PVC 2=LSZH 3=PE A=OFNP U=LSZH (UV Resistant)	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)

## PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3147-21004FXXCL	2500 x 1	Wooden Drum	258	285	800 x 800 x 570
3147-21006FXXCL	2500 x 1	Wooden Drum	258	285	800 x 800 x 570
3147-21008FXXCL	2500 x 1	Wooden Drum	258	285	800 x 800 x 570
3147-21012FXXCL	2500 x 1	Wooden Drum	258	285	800 x 800 x 570
3147-21016FXXCL	2500 x 1	Wooden Drum	258	285	800 x 800 x 570
3147-21024FXXCL	2500 x 1	Wooden Drum	258	285	800 x 800 x 570