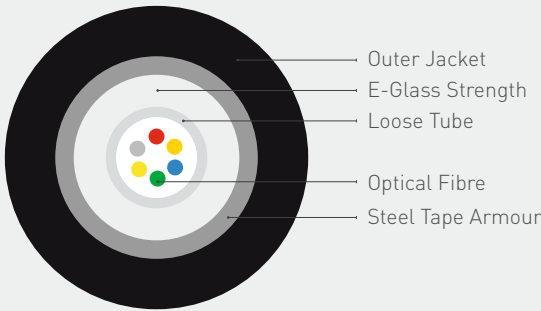
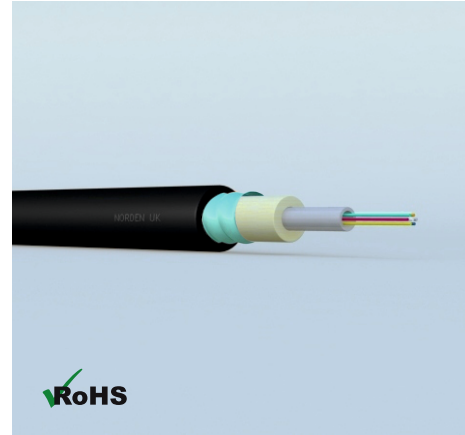


# E-GLASS STRENGTH CENTRAL LOOSE TUBE GEL FREE ARMoured IN/OUT OPTICAL CABLE

This cable is constructed with Central Loose Tube and 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) with Gel free fibre cable construction. By installing this cable costly splicing at building entry can be avoided and cable can be routed from outside plant to telecommunication closets. 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, BELLCORE GR 20 / IEC 794-1  
 ROHS compliant Directive 2011/65/EU

## MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Pulling tension	1600 N	800 N
Max. Crush Load	30 KN/m	
Operating Temp.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	HDPE	

## OPTICAL CHARACTERISTICS

Fibre Type	Max. Attenuation (dB/km)				Min. Overfill Launch Bandwidth (Mhz · km)		Min. Gigabit Ethernet Link Distance (m)		
	850nm	1300nm	1310nm	1550nm	850nm	1300nm	Gigabit		10Gigabit
							850nm	1300nm	850nm
OM1 62.5/125µ m	≤2.7	≤0.6	-	-	≥200	≥600	275	550	-
OM2 50/125µ m	≤2.5	≤0.7	-	-	≥500	≥500	550	550	-
OM3 50/125µ m	≤2.3	≤0.6	-	-	≥1500	≥500	1000	600	300
OM4 50/125µ m	≤2.3	≤0.6	-	-	≥3500	≥500	1000	600	550
OS1 9/125µ m	-	-	≤0.34	≤0.20	-	-	-	-	-
OS2 9/125µ m	-	-	≤0.34	≤0.22	-	-	-	-	-

# E-GLASS STRENGTH CENTRAL LOOSE TUBE GEL FREE ARMoured IN/OUT OPTICAL CABLE

## ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)	Loosetube Construction
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	WJL without Gel

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3147-310060S2CL WJL	6	9.3	3.3	103	20D	10D
3147-310240S2CL WJL	24	9.3	3.3	103	20D	10D