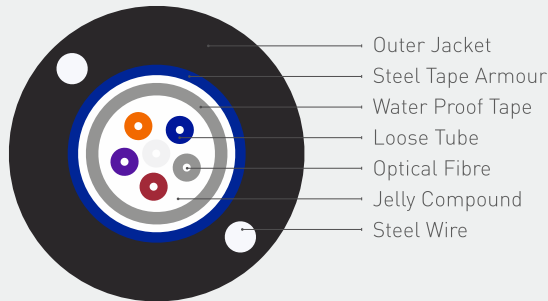
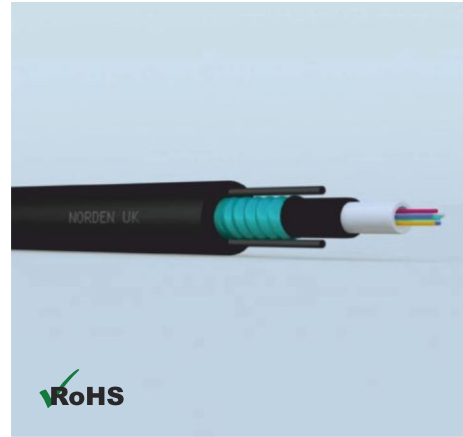


# CENTRAL LOOSE TUBE ARMOURED EXTERNAL CABLE

These cables are constructed with a central tube filled with water blocking jelly, water blocking tape over the tube giving it excellent water and moisture resistance. A corrugated steel armouring and two steel wires strengthening within the outer PE sheath give this cable excellent tensile strength, mechanical and environmental protection.

They have a small diameter, is light weight and is installation friendly since they come in a single tube with loose tube fibre count up to 12 fibres. Their compact construction protect the loose tube from shrinking, the Armour makes it crush, rodent and impact resistant, the water proofing tape and jelly protects it from water and moisture, the outer PE sheath gives it ultraviolet protection. This cable is suitable for external distribution through ducts, conductor aerial pipe lines



## 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  
 IEC60794  
 ISO/IEC 11801 , ISO/IEC 24702  
 ANSI/TIA/EIA 568C.3  
 ROHS compliant Directive 2002/95/EC  
 LSZH: IEC 60332-1, IEC 60754, IEC 61034

## MECHANICAL, ENVIRONMENTAL & OPTICAL CHARACTERISTICS

Characteristics		Short Term	Long Term
Max. Tensile Load		2000 N	1000 N
Max. Crush Load		2000 N/100 mm	600 N/100 mm
Operating Temp.		-20°C to +70°C	
Storage Temp.		-40°C to +85°C	
Sheath Material		HDPE	
Max attenuation SM	@ 1310nm	≤ 0.34dB/Km	
	@ 1550nm	≤ 0.24dB/Km	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter ( mm ) ± 5%	Loose Tube Diameter ( mm ) ± 5%	Cable Weight ( Kg/Km ) ± 10%	Bend Radius	
					Short (mm)	Long (mm)
3108-31002FXXCL	2	8.3	2.1	90.0	20D	10D
3108-31004FXXCL	4	8.3	2.1	90.0	20D	10D
3108-31006FXXCL	6	8.3	2.1	90.0	20D	10D
3108-31008FXXCL	8	8.3	2.1	90.0	20D	10D
3108-31012FXXCL	12	8.3	2.1	100.0	20D	10D
3108-31024FXX CL	24	9.0	2.5	100.0	20D	10D

# CENTRAL LOOSE TUBE ARMOURED EXTERNAL CABLE

## ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3108	1=PVC 2=LSZH 3=PE U=UV-LSZH	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)
3108-31002FXXCL	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
3108-31004FXXCL	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
3108-31006FXXCL	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
3108-31008FXXCL	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
3108-31012FXXCL	2500 x 1	Wooden Drum	250.0	275.0	800 x 800 x 570
3108-31024FXX CL	2500 x 1	Wooden Drum	250.0	275.0	800 x 800 x 570