

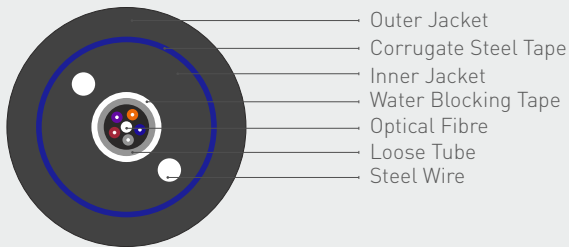
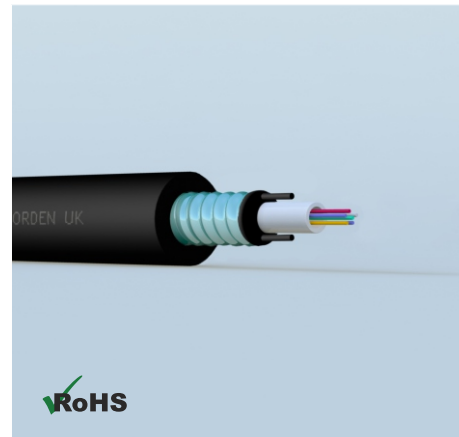
# DOUBLE JACKET STEEL WIRE STRENGTH STEEL TAPE ARMoured CENTRAL LOOSE TUBE OPTICAL CABLE



These cables are constructed with a PBT Uni-tube filled with water blocking jelly giving it excellent water and moisture resistance. Corrugated steel armouring and two steel wires strengthening with in the inner HDPE sheath and an outer UV stabilized LSZH sheath give this cable excellent tensile strength, mechanical and environmental protection.

They have small diameter, light weight and installation friendly since they come in a single tube with loose tube fibre count up to 24 fibres. Their compact construction protects the loose tube from shrinking, the double armour makes it crush, rodent and impact resistance, the outer PE sheath gives it ultraviolet protection. This cable is suitable for external distribution through ducts, conduits or aerial pipe lines.

They come in larger delivery length, so can also be used in long distance communication system, service drop cables, building interconnections.



## 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 568C.3
- 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	1000 N	500 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	Inner: HDPE, Outer: LSZH	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3168-L1002FXXCL	2	11.1	2.5	105.0	20D	10D
3168-L1004FXXCL	4	11.1	2.5	105.0	20D	10D
3168-L1006FXXCL	6	11.1	2.5	105.0	20D	10D
3168-L1008FXXCL	8	11.1	2.5	105.0	20D	10D
3168-L1012FXXCL	12	11.1	2.5	105.0	20D	10D

# DOUBLE JACKET STEEL WIRE STRENGTH STEEL TAPE ARMoured CENTRAL LOOSE TUBE OPTICAL CABLE

## ORDERING GUIDE

Cable Type	Jacket	No.of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3168	1=PVC 2=LSZH 3=PE L=HDPE & 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)
3168-L1002FXXCL	2500 x 1	Wooden Drum	263.0	288.0	800 x 800 x 570
3168-L1004FXXCL	2500 x 1	Wooden Drum	263.0	288.0	800 x 800 x 570
3168-L1006FXXCL	2500 x 1	Wooden Drum	263.0	288.0	800 x 800 x 570
3168-L1008FXXCL	2500 x 1	Wooden Drum	263.0	288.0	800 x 800 x 570
3168-L1012FXXCL	2500 x 1	Wooden Drum	263.0	288.0	800 x 800 x 570