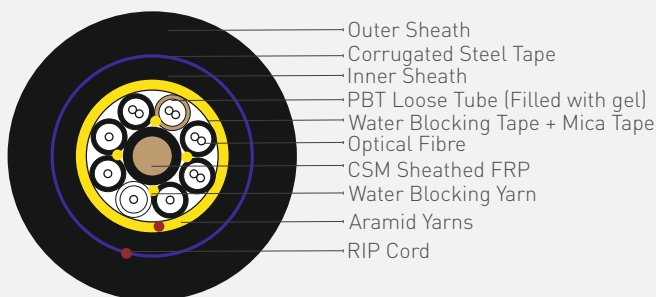
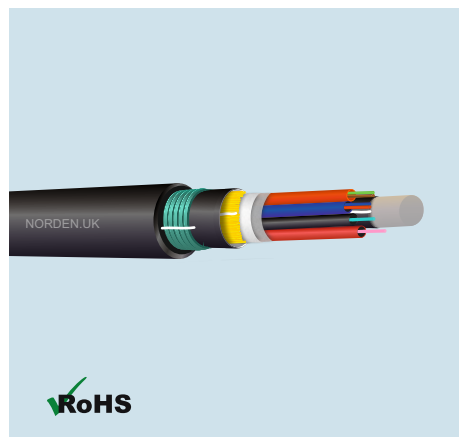


# DOUBLE JACKET MULTI-LOOSE TUBE STEEL TAPE ARMORED FIRE RESISTANT/FLAME RETARDANT FIBRE OPTIC CABLE



Norden double jacket multi-loose tube steel tape armored fire resistant/flame retardant fibre optic cable features an FRP central strength member, PBT loose tube filled with gel, surrounded by water-blocking yarn and tape, provides excellent water and moisture resistance. The cable consists of aramid yarn strength member and mica tape protecting the fibre in case of fire, ensuring their integrity, and allowing for continued signal transmission. Corrugated steel tape armoring between the inner and outer sheath offers mechanical and rodent protection, making it suitable for direct burial and harsh environment installations. It consists of 2 ripcords. These cables are typically used for In/ Out, direct buried applications.



## COMPLIANCE

ITU-T G652.B OS1  
 ITU-T G.655 OS2  
 ITU-T G652.D/G655/G657.A1/G657.A2 OS2  
 ITU-T G651.1 OM1 OM2 OM3 OM4 OM5  
 IEC 60793-2-10 type A1a.1/A1b OM1/OM2  
 IEC60793-2-10 type A1a.2 OM3  
 IEC60793-2-10 type A1a.3 OM4  
 IEC60793-2-10 type A1a.4 OM5  
 ISO/IEC 11801, ISO/IEC 24702  
 IEC 60794-1  
 ANSI/TIA/EIA 568C.3  
 ROHS compliant Directive 2002/95/EC  
 Fire Resistant : IEC 60331  
 Flame Retardant IEC 60332

## MECHANICAL, OPTICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Value
Max. Tensile Load	2500N
Max. Pulling force	2750 N
Max. Crush Load	2.2 KN for 1 minute , 1.1 KN for 10 minute
Central Strength Member Diameter	5.08±0.2mm
Impact Resistance	10 N (striking radius : 10mm ) 20 N (striking radius : 300mm )
Operating Temperature	-30°C to 90°C
Installation Temperature	-30°C to 90°C
Storage Temperature	-30°C to 90°C
Sheath Material	FR-HDPE , LSZH

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
				Short (mm)	Long (mm)
4037-8T012FXXCL	12	21.8	516	20D	10D



# DOUBLE JACKET MULTI-LOOSE TUBE STEEL TAPE ARMORED FIRE RESISTANT/FLAME RETARDANT FIBRE OPTIC CABLE



## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
4037	2=LSZH 8=FR-HDPE	1=12 F/T 2=08 F/T 3=06 F/T 4=04 F/T T= 2F/1-4 Tubes + 1F/5-8Tubes (12F)	No. of Fibre	OM1=62.5/125 OM1 OM2=50/125 OM2 OM3=50/125 OM3 OM4=50/125 OM4 OM5=50/125 OM5 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)