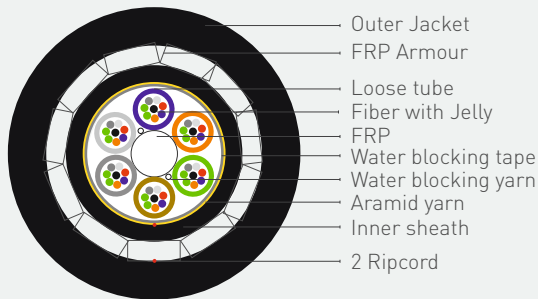


ADSS DOUBLE JACKET ARAMID YARN STRENGTH FRP ROD NON - METALLIC ARMoured FIBRE OPTIC CABLE

= OPTINOR

These cables are constructed with multiple tubes filled with water-blocking Gel giving excellent water and moisture resistance. FRP Armoring between the inner and Outer HDPE Sheath Gives the cable Excellent Tensile Strength, Mechanical, and environmental Protection. The Non-Metallic Structure gives good Electro-Magnetic resistance. This cable is UV-stabilized and is a good choice for external applications



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

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	9000 N	5000 N
Max. Crush Load	2200 N/100 mm	1000 N/100 mm
Inner sheath Dia.	48 Core:8.8 mm	96 Core:10.5 mm
Operating Temp.	-40°C to +70°C	
Storage Temp.	-40°C to +70°C	
Installation Temp.	-30°C to +60°C	
Sheath Material	HDPE	

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg)	Bend Radius	
				Short (mm)	Long (mm)
3180-H2012FXXCL	12	14.6	140.00	20D	10D
3180-H2024FXXCL	24	14.6	140.00	20D	10D
3180-H2048FXXCL	48	14.6	140.00	20D	10D
3180-H2096FXXCL	96	16.3	175.00	20D	10D

ADSS DOUBLE JACKET ARAMID YARN STRENGTH FRP ROD NON - METALLIC ARMoured FIBRE OPTIC CABLE



ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3180	H=HDPE 2=LSZH	1=12 F/T 2=08 F/T 3=06 F/T 4=04 F/T	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)

' * Default value of Fibre Per Tube is "1" as per the ordering information, Follow the ordering guide for any other Specific customized fibre per tube requirement. '

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W [kg]	G.W [kg]	Dimension (mm)
3180-H2012FXXCL	4000 x 1	Wooden Drum	560.00	640.00	1650 x730x 1650
3180-H2024FXXCL	4000 x 1	Wooden Drum	560.00	640.00	1650 x730x 1650
3180-H2048FXXCL	4000 x 1	Wooden Drum	560.00	640.00	1650 x730x 1650
3180-H2096FXXCL	3000 x 1	Wooden Drum	700.00	800.00	1750 x 850 x 1750