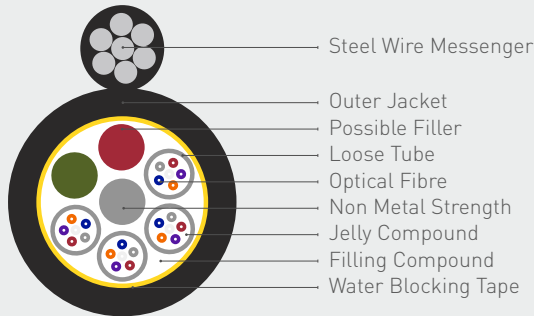
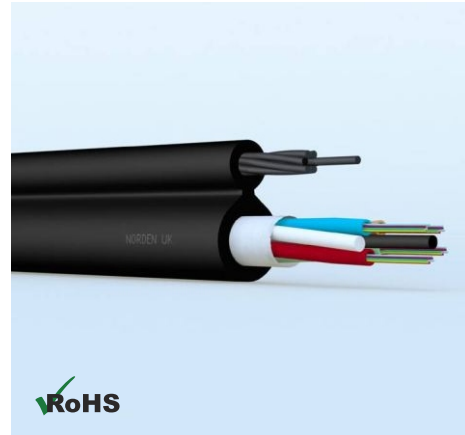


DIELECTRIC SELF SUPPORTING FIGURE – 8 AERIAL CABLE

Figure 8 Aerial self support cables are designed medium span aerial installations, they have ultraviolet and harsh external environment protection.

Up to 12 fibres are there in each jelly filled plastic compound tube, which are stranded around a FRP strength member, water blocking tape and covered by a PE outer sheath. The upper part of figure 8 has seven number messenger wires made of stranded galvanized steel wire with PE outer sheath.

They have small diameter, light weight, good bend resistance performance. The messenger cables support the fibre cables to withstand the tensile force for aerial installations. The PE outer sheath gives excellent environment and ultraviolet protection to the cable.



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
- IEEE 802.3z Gigabit Ethernet
- ANSI/TIA/EIA 568C.3
- ROHS compliant Directive 2002/95/EC

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	7000 N	3500 N
Max. Crush Load	2000 N/100 mm	1000 N/100 mm
UL Fire Rated	OFNR	
Operating Temp.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	Standard: PVC Optional: LSZH, PE or other	

DIELECTRIC SELF SUPPORTING FIGURE – 8 AERIAL CABLE

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3118-31004FXXCL	4	9.8/18.8	5	210.0	20D	10D
3118-31006FXXCL	6	9.8/18.8	5	210.0	20D	10D
3118-31008FXXCL	8	9.8/18.8	5	210.0	20D	10D
3118-31012FXXCL	12	9.8/18.8	5	210.0	20D	10D
3118-31024FXXCL	24	10.2/19.3	5	230.0	20D	10D
3118-31036FXXCL	36	10.2/19.3	5	230.0	20D	10D
3118-31048FXXCL	48	10.7/19.7	6	230.0	20D	10D
3118-31072FXXCL	72	11.3/20.3	6	265.0	20D	10D
3118-31096FXXCL	96	12.9/21.9	8	350.0	20D	10D
3118-31144FXXCL	144	16.3/22.7	12	390.0	20D	10D

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3118	1=PVC 2=LSZH 3=PE	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), 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)
3118-31004FXXCL	1000 x 1	Wooden Drum	210.0	235.0	800 x 800 x 570
3118-31006FXXCL	1000 x 1	Wooden Drum	210.0	235.0	800 x 800 x 570
3118-31008FXXCL	1000 x 1	Wooden Drum	210.0	235.0	800 x 800 x 570
3118-31012FXXCL	1000 x 1	Wooden Drum	210.0	235.0	800 x 800 x 570
3118-31024FXXCL	1000 x 1	Wooden Drum	230.0	255.0	800 x 800 x 570
3118-31036FXXCL	1000 x 1	Wooden Drum	230.0	255.0	800 x 800 x 570
3118-31048FXXCL	1000 x 1	Wooden Drum	230.0	255.0	800 x 800 x 570
3118-31072FXXCL	1000 x 1	Wooden Drum	265.0	290.0	800 x 800 x 570
3118-31096FXXCL	1000 x 1	Wooden Drum	350.0	375.0	800 x 800 x 570
3118-31144FXXCL	1000 x 1	Wooden Drum	390.0	415.0	800 x 800 x 570