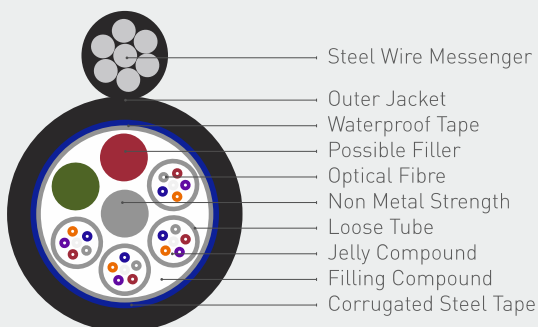
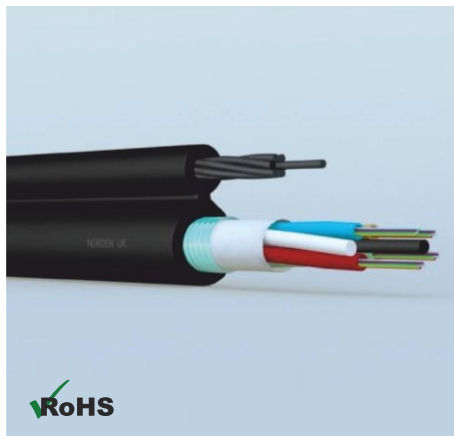


ARMoured SELF SUPPORTING FIGURE – 8 AERIAL CABLE

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

Up to 12 fibres are there in each jelly filled plastic compound tube, which are stranded around a steel wire strength member, water blocking tape, corrugated steel 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. The messenger cables, the steel wire strength member and corrugated steel tape armour gives excellent support to the fibre cables to withstand the tensile force for long haul 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
- ANSI/TIA/EIA 568.3-D
- 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	9000 N	5300 N
Max. Crush Load	1000N/100mm	300N/100mm
UL Fire Rated	OFNR	
Messenger Steel Wire Thickness	1.2mm	
Messenger Steel Wire Diameter	3.6mm(1.2*7)	
Operating Temp.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	Standard: PE Optional: LSZH, PVC or other	



ARMoured SELF SUPPORTING FIGURE – 8 AERIAL CABLE



ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube structure	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3119-31004FXXCL	4	10.4/18.9	5	180.0	20D	10D
3119-31006FXXCL	6	10.4/18.9	5	180.0	20D	10D
3119-31008FXXCL	8	10.4/18.9	5	180.0	20D	10D
3119-31012FXXCL	12	10.4/18.9	5	180.0	20D	10D
3119-31024FXXCL	24	10.4/18.9	5	180.0	20D	10D
3119-31036FXXCL	36	10.4/18.9	5	180.0	20D	10D
3119-31048FXXCL	48	10.4/18.9	5	180.0	20D	10D
3119-31072FXXCL	72	11/19.5	6	190.0	20D	10D
3119-31096FXXCL	96	12.3/21.3	8	216.0	20D	10D
3119-31144FXXCL	144	14.9/23.9	12	274.0	20D	10D

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3119	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)
3119-31004FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31006FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31008FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31012FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31024FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31036FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31048FXXCL	1000 x 2.5	Wooden Drum	450.0	495.0	1200 x 1200 x 740
3119-31072FXXCL	1000 x 2.5	Wooden Drum	475.0	520.0	1200 x 1200 x 740
3119-31096FXXCL	1000 x 2.5	Wooden Drum	540.0	595.0	1300 x 1200 x 740
3119-31144FXXCL	1000 x 2.5	Wooden Drum	685.0	757.0	1300 x 1200 x 1100