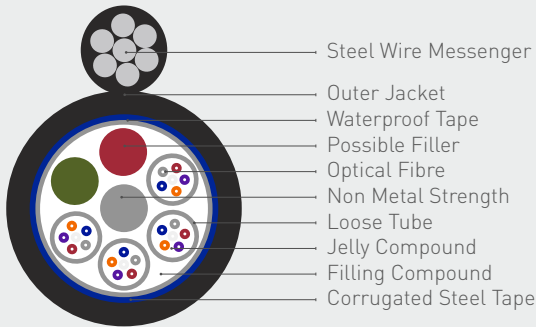
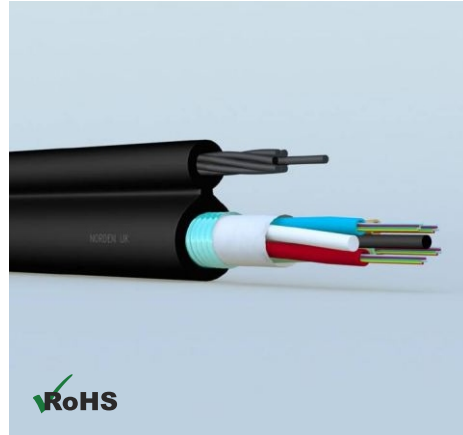


# ARMOURED SELF SUPPORTING FIGURE – 8 AERIAL CABLE

Figure 8 Aerial self support cables are designed 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
- 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	9000 N	4000 N
Max. Crush Load	3000 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	

# ARMOURED 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)
3119-31004FXXCL	4	11.6/25.5	5	270.0	20D	10D
3119-31006FXXCL	6	11.6/25.5	5	270.0	20D	10D
3119-31008FXXCL	8	11.6/25.5	5	270.0	20D	10D
3119-31012FXXCL	12	11.6/25.5	5	270.0	20D	10D
3119-31024FXXCL	24	11.6/25.5	5	270.0	20D	10D
3119-31036FXXCL	36	11.6/25.5	5	270.0	20D	10D
3119-31048FXXCL	48	11.6/25.5	6	270.0	20D	10D
3119-31072FXXCL	72	12.8/27.5	6	300.0	20D	10D
3119-31096FXXCL	96	14.6/31.5	8	390.0	20D	10D
3119-31144FXXCL	144	18.8/35.0	12	440.0	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 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31006FXXCL	1000 x 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31008FXXCL	1000 x 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31012FXXCL	1000 x 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31024FXXCL	1000 x 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31036FXXCL	1000 x 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31048FXXCL	1000 x 1	Wooden Drum	270.0	295.0	800 x 800 x 570
3119-31072FXXCL	1000 x 1	Wooden Drum	300.0	325.0	800 x 800 x 570
3119-31096FXXCL	1000 x 1	Wooden Drum	390.0	415.0	800 x 800 x 570
3119-31144FXXCL	1000 x 1	Wooden Drum	440.0	465.0	800 x 800 x 570