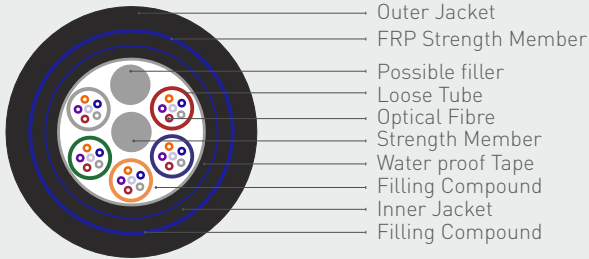
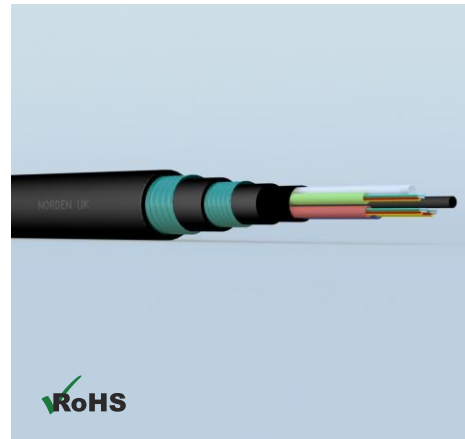


DOUBLE STEEL TAPE LONGITUDINAL ARMoured 3PE SHEATH CABLE

These cables are constructed with multiple tubes filled with water blocking jelly with a fibre count up to 144 fibre strands. They form the backbone of high speed networks and give flexibility to networks. They give flexibility versatility to networks and can be used for direct burial applications.

Non metallic FRP strength members in the cable give it good tensile strength, water blocking jelly in the tube and tape over the tube give it excellent water and moisture resistance. Two layers of corrugated steel armouring and triple PE sheath give this cable excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection.



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	3000 N	1000 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	

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3131-31024FXXCL	24	16.5	2.65	276.0	20D	10D
3131-31036FXXCL	36	16.5	2.65	276.0	20D	10D
3131-31048FXXCL	48	16.5	2.65	276.0	20D	10D
3131-31072FXXCL	72	18.3	2.65	319.0	20D	10D
3131-31096FXXCL	96	20.0	2.65	362.0	20D	10D
3131-31144FXXCL	144	23.8	2.65	494.0	20D	10D

DOUBLE STEEL TAPE LONGITUDINAL ARMOURED 3PE SHEATH CABLE

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3131	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)
3131-31024FXXCL	1000 x 1	Wooden Drum	276.0	301.0	800 x 800 x 570
3131-31036FXXCL	1000 x 1	Wooden Drum	276.0	301.0	800 x 800 x 570
3131-31048FXXCL	1000 x 1	Wooden Drum	276.0	301.0	800 x 800 x 570
3131-31072FXXCL	1000 x 1	Wooden Drum	319.0	344.0	800 x 800 x 570
3131-31096FXXCL	1000 x 1	Wooden Drum	362.0	387.0	800 x 800 x 570
3131-31144FXXCL	1000 x 1	Wooden Drum	494.0	519.0	800 x 800 x 570