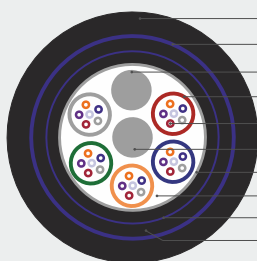
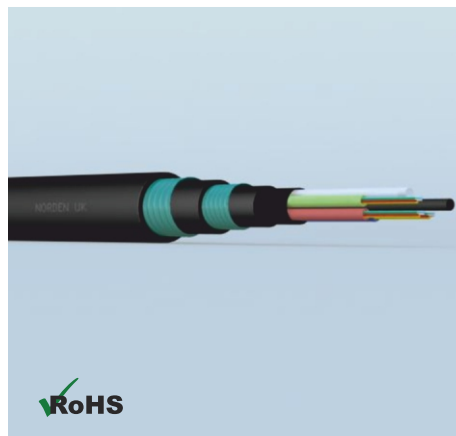


DOUBLE STEEL TAPE LONGITUDINAL ARMOURED 3PE SHEATH CABLE



These cables are constructed with multiple tubes filled with waterblocking 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.



- Outer Jacket
- Steel Tape Armour
- Possible filler
- Loose Tube
- Optical Fibre
- FRP Strength Member
- Water proof Tape
- Filling Compound
- Steel Tape Armour
- Inner Jacket

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	3000 N	1000 N
Max. Crush Load	3000 N/100 mm	1000 N/100 mm
Operating Temp.	-20°C to +60°C	
Storage Temp.	-40°C to +85°C	
Sheath Material	Standard: PE Optional: LSZH, PVC or Other	

ORDERING INFORMATION

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