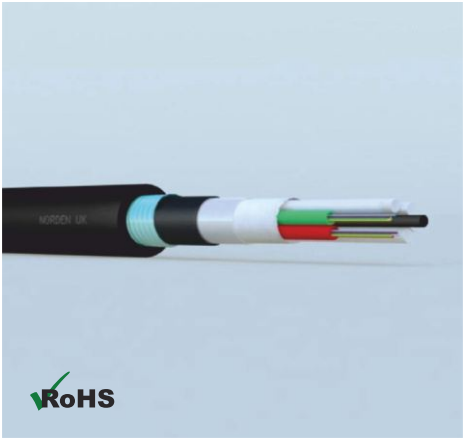


# DOUBLE LAYER ARMOURED 2PE SHEATH FIBRE OPTIC CABLE

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 and versatility to networks. They give flexibility versatility to networks and can be used for direct burial applications.

Metallic / 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. Double sided PE corrugated steel armouring and PE outer 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  
 ANSI/TIA/EIA 568C.3  
 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)
3111-31004FXXCL	4	14.2	198.0	20D	10D
3111-31006FXXCL	6	14.2	198.0	20D	10D
3111-31008FXXCL	8	14.2	198.0	20D	10D
3111-31012FXXCL	12	14.2	198.0	20D	10D
3111-31024FXXCL	24	14.2	198.0	20D	10D
3111-31036FXXCL	36	14.2	205.0	20D	10D
3111-31048FXXCL	48	15.5	240.0	20D	10D
3111-31072FXXCL	72	15.8	248.0	20D	10D
3111-31096FXXCL	96	16.5	275.0	20D	10D
3111-31144FXXCL	144	18.2	350.0	20D	10D
3111-31196FXXCL	196	19.0	380.0	20D	10D

# DOUBLE LAYER ARMOURED 2PE SHEATH FIBRE OPTIC CABLE

## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type [FXX]	Jacket Colour [CL]
3111	1=PVC 2=LSZH 3=PE R=LSZH (IEC 60332-3-24)	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)

\* Default value of Fibre Per Tube is "1" as per the ordering information, Follow the ordering guide for any other Specific customized fibre per tube requirement.

## PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3111-31004FXXCL	2500 x 1	Wooden Drum	495.0	520.0	800 x 800 x 570
3111-31006FXXCL	2500 x 1	Wooden Drum	495.0	520.0	800 x 800 x 570
3111-31008FXXCL	2500 x 1	Wooden Drum	495.0	520.0	800 x 800 x 570
3111-31012FXXCL	2500 x 1	Wooden Drum	495.0	520.0	800 x 800 x 570
3111-31024FXXCL	2500 x 1	Wooden Drum	495.0	520.0	800 x 800 x 570
3111-31036FXXCL	1000 x 1	Wooden Drum	205.0	230.0	800 x 800 x 570
3111-31048FXXCL	1000 x 1	Wooden Drum	240.0	265.0	800 x 800 x 570
3111-31072FXXCL	1000 x 1	Wooden Drum	248.0	273.0	800 x 800 x 570
3111-31096FXXCL	1000 x 1	Wooden Drum	275.0	300.0	800 x 800 x 570
3111-31144FXXCL	1000 x 1	Wooden Drum	350.0	375.0	800 x 800 x 570
3111-31196FXXCL	1000 x 1	Wooden Drum	380.0	395.0	800 x 800 x 570