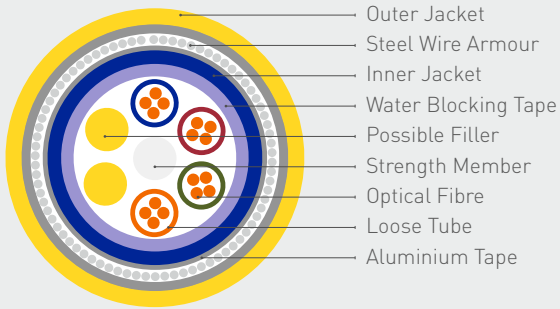
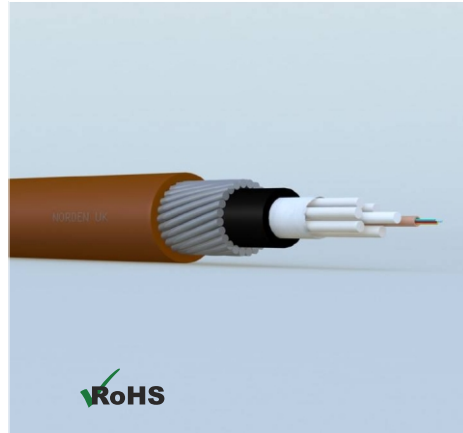


# MULTI LOOSE TUBE STEEL WIRE ARMoured OPTICAL CABLE

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. A steel wire armouring and PE sheath give this cable excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection.

They come in larger delivery length, so can also be used in long distance communication system, building interconnections, trunk lines, LAN, distribution networks.



## 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	Installation	Operation
Max. Tensile Load	8000 N	2650 N
Crush Resistance	2200 N/100 mm	
Max. Comp. Load	6000 N	
Operating Temp.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	Standard: PVC Optional: LSZH, PE or other	

# MULTI LOOSE TUBE STEEL WIRE ARMoured OPTICAL CABLE

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3114-31004FXXCL	4	21.0	5	700.0	20D	20D
3114-31006FXXCL	6	21.0	5	700.0	20D	20D
3114-31008FXXCL	8	21.0	5	700.0	20D	20D
3114-31012FXXCL	12	21.0	5	700.0	20D	20D
3114-31024FXXCL	24	21.0	5	700.0	20D	20D
3114-31036FXXCL	36	21.0	5	700.0	20D	20D
3114-31048FXXCL	48	23.5	6	830.0	20D	20D
3114-31072FXXCL	72	23.5	6	830.0	20D	20D
3114-31096FXXCL	96	24.0	8	870.0	20D	20D
3114-31144FXXCL	144	24.0	12	870.0	20D	20D

## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3114	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)
3114-31004FXXCL	1000 x 1	Wooden Drum	700.0	780.0	1300 x 1300 x 760
3114-31006FXXCL	1000 x 1	Wooden Drum	700.0	780.0	1300 x 1300 x 760
3114-31008FXXCL	1000 x 1	Wooden Drum	700.0	780.0	1300 x 1300 x 760
3114-31012FXXCL	1000 x 1	Wooden Drum	700.0	780.0	1300 x 1300 x 760
3114-31024FXXCL	1000 x 1	Wooden Drum	700.0	780.0	1300 x 1300 x 760
3114-31036FXXCL	1000 x 1	Wooden Drum	700.0	780.0	1300 x 1300 x 760
3114-31048FXXCL	1000 x 1	Wooden Drum	830.0	910.0	1300 x 1300 x 760
3114-31072FXXCL	1000 x 1	Wooden Drum	830.0	910.0	1300 x 1300 x 760
3114-31096FXXCL	1000 x 1	Wooden Drum	870.0	950.0	1300 x 1300 x 760
3114-31144FXXCL	1000 x 1	Wooden Drum	870.0	950.0	1300 x 1300 x 760