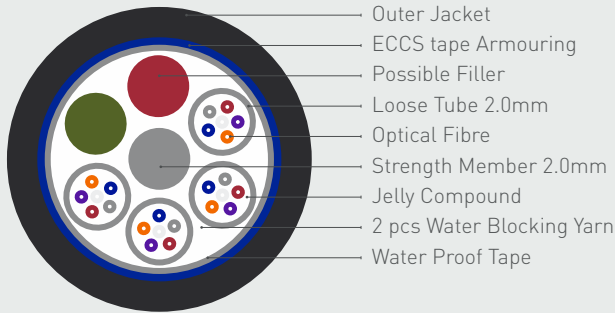


# STEEL TAPE LONGITUDINAL LAYER-STRANDED FIBRE OPTIC CABLE

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. A corrugated steel armouring give this cable excellent tensile strength, mechanical & rodent protection. This cable is having a special insulation of flame-retardant PE which can give more resistance from fire. So it is preferred for Oil field ,building interconnections, trunk lines, LAN and 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, OM5  
IEC60793-2-10 type A1a.1/A1b OM1/OM2  
IEC60793-2-10 type A1a.2 OM3  
IEC60793-2-10 type A1a.3 OM4  
IEC60793-2-10 type A1a.4 OM5  
ISO/IEC 11801 , ISO/IEC 24702  
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	2000 N/100 mm	300 N/100 mm
Operating Temp.	-20°C to +70°C	
Storage Temp.	-40°C to +85°C	
Outer Jacket material	Standard: HDPE Optional: LSZH, PVC or other	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
				Short (mm)	Long (mm)
3110-31004FXXCL	4	10.2	122	20D	10D
3110-31006FXXCL	6	10.2	122	20D	10D
3110-31008FXXCL	8	10.2	122	20D	10D
3110-31012FXXCL	12	10.2	122	20D	10D
3110-31024FXXCL	24	10.2	122	20D	10D
3110-31036FXXCL	36	10.2	122	20D	10D
3110-31048FXXCL	48	10.2	135	20D	10D
3110-31072FXXCL	72	11.5	144	20D	10D
3110-31096FXXCL	96	11.5	208	20D	10D
3110-31144FXXCL	144	13.5	230	20D	10D
3110-31192FXXCL	192	15.5	260	20D	10D
3110-31288FXXCL	288	15.6	300	20D	10D

# STEEL TAPE LONGITUDINAL LAYER-STRANDED FIBRE OPTIC CABLE

## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3110	1=PVC 2=LSZH 3=PE H=HDPE R=LSZH (IEC 60332-3-24)	0=24 F/T 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 OM5=50/125 OM5 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)
3110-31004FXXCL	2500 x 1	Wooden Drum	305.0	330.0	800 x 800 x 570
3110-31006FXXCL	2500 x 1	Wooden Drum	305.0	330.0	800 x 800 x 570
3110-31008FXXCL	2500 x 1	Wooden Drum	305.0	330.0	800 x 800 x 570
3110-31012FXXCL	2500 x 1	Wooden Drum	305.0	330.0	800 x 800 x 570
3110-31024FXXCL	2500 x 1	Wooden Drum	305.0	330.0	800 x 800 x 570
3110-31036FXXCL	2500 x 1	Wooden Drum	305.0	330.0	800 x 800 x 570
3110-31048FXXCL	1000 x 1	Wooden Drum	135.0	160.0	800 x 800 x 570
3110-31072FXXCL	1000 x 1	Wooden Drum	144.0	169.0	800 x 800 x 570
3110-31096FXXCL	1000 x 1	Wooden Drum	208.0	233.0	800 x 800 x 570
3110-31144FXXCL	1000 x 1	Wooden Drum	230.0	265.0	800 x 800 x 570
3110-31192FXXCL	1000 x 1	Wooden Drum	260.0	290.0	800 x 800 x 570
3110-31288FXXCL	2000 x 1	Wooden Drum	600.0	635.0	800 x 800 x 570