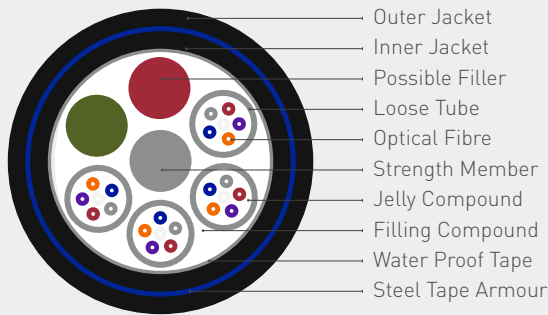


STEEL TAPE LONGITUDINAL ARMOURED DOUBLE SHEATH FIBRE OPTIC CABLE



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 Non metallic FRP strength members in the cable give it good tensile strength, water blocking jelly in the tube and tape over the tube gives it excellent water and moisture resistance. A corrugated steel armouring and two PE sheath gives 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 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
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
IEC 187 000, IEC 60794-3, IEC 60794-3-10
IEC 60794-3-12, EN 50 173-1
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	1200 N
Max. Crush Load	3000 N/100 mm	1000 N/100 mm
Operating Temp.	-40°C to +70°C	
Storage Temp.	-40°C to +85°C	
Impact	20Nm	
Torsion	5 cycles 1 turn	
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)
3109-31004FXXCL	4	13.2	187.0	20D	10D
3109-31006FXXCL	6	13.2	187.0	20D	10D
3109-31008FXXCL	8	13.2	187.0	20D	10D
3109-31012FXXCL	12	13.2	187.0	20D	10D
3109-31024FXXCL	24	13.2	187.0	20D	10D
3109-31036FXXCL	36	13.2	195.0	20D	10D
3109-31048FXXCL	48	14.2	210.0	20D	10D
3109-31072FXXCL	72	14.5	210.0	20D	10D
3109-31096FXXCL	96	15.5	235.0	20D	10D
3109-31144FXXCL	144	20.5	372.0	20D	10D

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ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3109	1=PVC 2=LSZH 3=PE U=LSZH (UV resistant) 8=FR 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)

* 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)
3109-31004FXXCL	2500 x 1	Wooden Drum	467.0	492.0	800 x 800 x 570
3109-31006FXXCL	2500 x 1	Wooden Drum	467.0	492.0	800 x 800 x 570
3109-31008FXXCL	2500 x 1	Wooden Drum	467.0	492.0	800 x 800 x 570
3109-31012FXXCL	2500 x 1	Wooden Drum	467.0	492.0	800 x 800 x 570
3109-31024FXXCL	2500 x 1	Wooden Drum	467.0	492.0	800 x 800 x 570
3109-31036FXXCL	2500 x 1	Wooden Drum	487.0	512.0	800 x 800 x 570
3109-31048FXXCL	1000 x 1	Wooden Drum	210.0	235.0	800 x 800 x 570
3109-31072FXXCL	1000 x 1	Wooden Drum	210.0	235.0	800 x 800 x 570
3109-31096FXXCL	1000 x 1	Wooden Drum	235.0	260.0	800 x 800 x 570
3109-31144FXXCL	1000 x 1	Wooden Drum	372.0	492.0	800 x 800 x 570