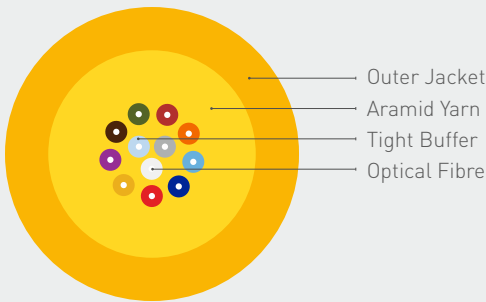


DISTRIBUTION TIGHT BUFFER FIBRE OPTIC CABLE

These cables are used as internal distribution cables due to ease of their termination and connection. The installer can recognize saving from lower cost of termination of Tight buffer cables. They have high moisture resistance and can be routed across multiple bends. Each fibre is mechanically reinforced with two successive sheaths of 400µm and 900µm which enables direct termination of connectors. Excellent strip force stability, fibre geometrical dimension and transmission performance meets the customer demand. Available in PVC, LSZH, Plenum outer sheath and tight buffer: 900µm, 600µm. The cable is specially designed for internal applications like floor distribution, interconnection and equipment connection.



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	1500 N	600 N
Max. Crush Load	2000 N/100 mm	1000 N/100 mm
UL Fire Rated	OFNR	
Operating Temp.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	Standard: PVC Optional: LSZH, PE or other	

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3103-11002FXXCL	2	3.5	0.9	15.0	20D	10D
3103-11004FXXCL	4	5.0	0.9	22.0	20D	10D
3103-11006FXXCL	6	5.0	0.9	23.0	20D	10D
3103-11008FXXCL	8	5.5	0.9	27.0	20D	10D
3103-11012FXXCL	12	6.3	0.9	35.0	20D	10D
3103-11016FXXCL	16	7.0	0.9	45.0	20D	10D
3103-11018FXXCL	18	7.5	0.6	51.0	20D	10D
3103-11024FXXCL	24	8.5	0.9	60.0	20D	10D

DISTRIBUTION TIGHT BUFFER FIBRE OPTIC CABLE

ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3103	1=PVC 2=LSZH 3=PE 7=OFNR A=OFNP	1	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)
3103-11002FXXCL	2500 x 1	Wooden Drum	37.0	62.0	800 x 800 x 570
3103-11004FXXCL	2500 x 1	Wooden Drum	55.0	80.0	800 x 800 x 570
3103-11006FXXCL	2500 x 1	Wooden Drum	57.0	82.0	800 x 800 x 570
3103-11008FXXCL	2500 x 1	Wooden Drum	67.0	92.0	800 x 800 x 570
3103-11012FXXCL	2500 x 1	Wooden Drum	88.0	113.0	800 x 800 x 570
3103-11016FXXCL	2500 x 1	Wooden Drum	112.0	137.0	800 x 800 x 570
3103-11018FXXCL	2500 x 1	Wooden Drum	125.0	150.0	800 x 800 x 570
3103-11024FXXCL	2500 x 1	Wooden Drum	150.0	175.0	800 x 800 x 570