

MINI-BREAKOUT DISTRIBUTION IN/OUT OPTICAL CABLE

These cables are used as Internal and external distribution cables due to their ease of termination and connection. The installer can save saving from lower cost of termination of Tight buffer cables.

The cable has $280 \pm 15 \mu\text{m}$ primary coated and 0.9mm tight buffered fibres with high moisture resistance and can be routed across multiple bends. Swellable aramid yarns as common strength members and for the longitudinal water tightness. Excellent strip force stability, fibre geometrical dimension and transmission performance meets the customer demand. **These cables are halogen free, flame retardant and watertight and therefore suitable for internal and external application. Core-bonded Polyurethane jacket providing simple installation.**



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
 IEC 60794
 ISO/IEC 11801 , ISO/IEC 24702
 ANSI/TIA/EIA 568C.3
 ROHS compliant Directive 2011/65/EU

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	1500 N	600 N
Max. Crush Load	5 kN/m	3 kN/m
Operating Temp.	-55°C to +85°C	
Storage Temp.	-70°C to +85°C	
Sheath Material	Polyurethane, Black	

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
				Short (mm)	Long (mm)
3154-61002FXXCL	2	5.4	27.0	8D	4D
3154-61004FXXCL	4	5.8	31.0	8D	4D
3154-61006FXXCL	6	7.0	40.0	8D	4D
3154-61008FXXCL	8	7.0	41.0	8D	4D
3154-61012FXXCL	12	8.2	60.0	8D	4D
3154-61016FXXCL	16	8.3	64.0	8D	4D
3154-61018FXXCL	18	8.3	66.0	8D	4D
3154-61024FXXCL	24	8.5	71.0	8D	4D

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ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3154	1=PVC 2=LSZH 3=PE 4=ACS 5=ACSR 6=PU	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)
3154-61002FXXCL	2500 x 1	Wooden Drum	67.5	92.0	800 x 800 x 570
3154-61004FXXCL	2500 x 1	Wooden Drum	77.5	102.0	800 x 800 x 570
3154-61006FXXCL	2500 x 1	Wooden Drum	100.0	125.0	800 x 800 x 570
3154-61008FXXCL	2500 x 1	Wooden Drum	102.5	127.2	800 x 800 x 570
3154-61012FXXCL	2500 x 1	Wooden Drum	150.0	176.0	800 x 800 x 570
3154-61016FXXCL	2500 x 1	Wooden Drum	160.0	186.0	800 x 800 x 570
3154-61018FXXCL	2500 x 1	Wooden Drum	165.0	191.0	800 x 800 x 570
3154-61024FXXCL	2500 x 1	Wooden Drum	177.5	202.0	800 x 800 x 570