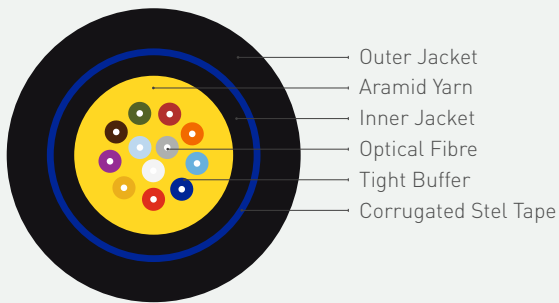
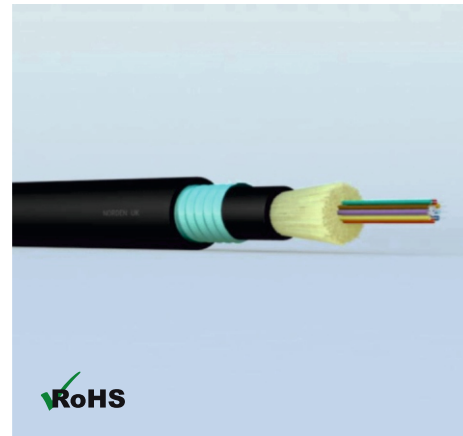


DISTRIBUTION TIGHT BUFFER ARMoured FIBRE OPTIC CABLE

These cables are used for external distribution due to ease of their termination and connection. The installer can save 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 or Plenum outer sheath and tight buffer: 900µm, 600µm. The cable is specially designed for external applications like floor



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
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	1000 N/100 mm	200 N/100 mm
Operating Temp.	-20°C to +60°C	
Storage Temp.	-40°C to +85°C	
Sheath Material	Standard: PE Optional: LSZH, PVC 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)
3125-31002FXXCL	2	8.5	0.9	70.0	20D	10D
3125-31004FXXCL	4	10.0	0.9	76.0	20D	10D
3125-31006FXXCL	6	10.0	0.9	76.0	20D	10D
3125-31008FXXCL	8	10.5	0.9	85.0	20D	10D
3125-31012FXXCL	12	11.3	0.9	90.0	20D	10D
3125-31016FXXCL	16	12.0	0.9	95.0	20D	10D
3125-31018FXXCL	18	12.5	0.9	100.0	20D	10D
3125-31024FXXCL	24	13.0	0.9	100.0	20D	10D

DISTRIBUTION TIGHT BUFFER ARMoured FIBRE OPTIC CABLE

ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3125	1=PVC 2=LSZH 3=PE	1	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)

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3125-31002FXXCL	2500 x 1	Wooden Drum	175.0	200.0	800 x 800 x 570
3125-31004FXXCL	2500 x 1	Wooden Drum	190.0	215.0	800 x 800 x 570
3125-31006FXXCL	2500 x 1	Wooden Drum	190.0	215.0	800 x 800 x 570
3125-31008FXXCL	2500 x 1	Wooden Drum	212.0	237.0	800 x 800 x 570
3125-31012FXXCL	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
3125-31016FXXCL	2500 x 1	Wooden Drum	237.0	262.0	800 x 800 x 570
3125-31018FXXCL	2500 x 1	Wooden Drum	250.0	275.0	800 x 800 x 570
3125-31024FXXCL	2500 x 1	Wooden Drum	250.0	275.0	800 x 800 x 570