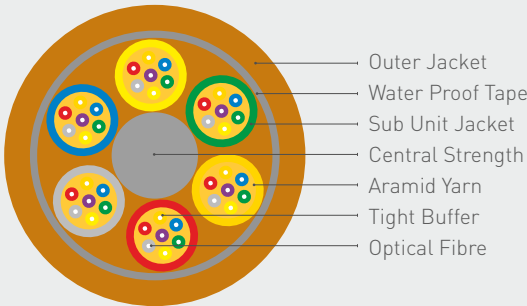
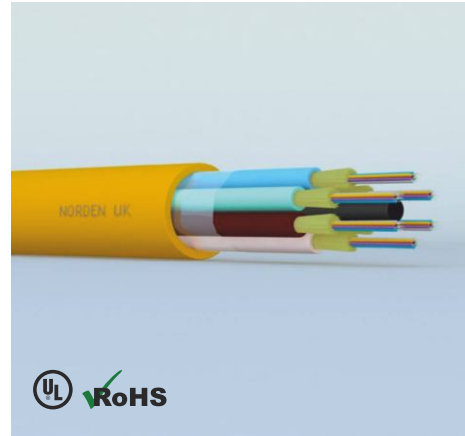


SUB GROUPING TIGHT BUFFER OPTICAL CABLE

This high fibre count cable is formed from sub unit containing water blocking Aramid and 12 fibres. These sub units are helically stranded to get cable sizes from 12 to 144 fibres. Tight buffer multi fibre cable design allows sub bundles to be routed to separate areas needing different fibre counts.

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 are some of the characteristics of this cable. It is available in PVC, LSZH or 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
- IEEE 802.3z Gigabit Ethernet
- ANSI/TIA/EIA 568C.3
- ROHS compliant Directive 2002/95/EC

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	1500 N	500 N
Max. Crush Load	1500 N/100 mm	600 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)	Sub Unit Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3104-11012FXXCL	12	14.5	4.5	186.0	20D	10D
3104-11024FXXCL	24	14.5	4.5	186.0	20D	10D
3104-11036FXXCL	36	16.5	5.5	235.0	20D	10D
3104-11048FXXCL	48	16.5	5.5	235.0	20D	10D
3104-11072FXXCL	72	18.5	5.5	305.0	20D	10D
3104-11096FXXCL	96	22.0	5.5	393.0	20D	10D
3104-11144FXXCL	144	28.0	5.5	597.0	20D	10D

SUB GROUPING TIGHT BUFFER OPTICAL CABLE

ORDERING GUIDE

Cable Type	Jacket	Fibre/Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3104	1=PVC 2=LSZH 3=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)

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3104-11012FXXCL	1000 x 1	Wooden Drum	186.0	211.0	800 x 800 x 570
3104-11024FXXCL	1000 x 1	Wooden Drum	186.0	211.0	800 x 800 x 570
3104-11036FXXCL	1000 x 1	Wooden Drum	235.0	260.0	800 x 800 x 570
3104-11048FXXCL	1000 x 1	Wooden Drum	235.0	260.0	800 x 800 x 570
3104-11072FXXCL	1000 x 1	Wooden Drum	305.0	340.0	800 x 800 x 570
3104-11096FXXCL	1000 x 1	Wooden Drum	393.0	418.0	800 x 800 x 570
3104-11144FXXCL	1000 x 1	Wooden Drum	597.0	622.0	800 x 800 x 570