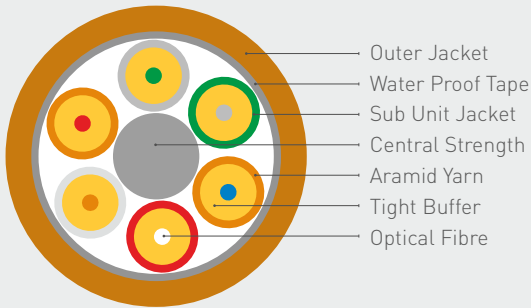
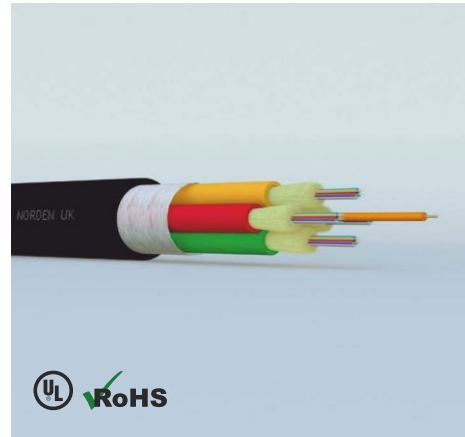


BREAKOUT TIGHT BUFFER OPTICAL CABLE

These cables are constructed bundling tight buffered simplex optical fibre in an outer jacket. Non metallic FRP strength members in the cable give it good tensile strength and electro- magnetic protection. It has a small diameter, light weight and thick wall jacket protection, giving it versatile applications. It can be used in cable assemblies and places of high electro-magnetic interferences.

Each fibre is mechanically reinforced with two successive sheaths of 400 μm and 900 μm which enables direct termination of connectors. Excellent strip force stability, fibre geometrical dimension and transmission performance are some of the characteristics if this cable. It is available in PVC, LSZH or Plenum outer sheath and tight buffer: 900 μm , 600 μm . The cable is specially designed for Internal applications like floor distribution, interconnection and equipment.



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	600 N
Max. Crush Load	1000 N/100 mm	300 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)	Tight Buffer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3105-11002FXXCL	2	7.0	2.0	45.0	20D	10D
3105-11004FXXCL	4	7.0	2.0	46.0	20D	10D
3105-11006FXXCL	6	8.3	2.0	62.5	20D	10D
3105-11008FXXCL	8	9.5	2.0	86.0	20D	10D
3105-11012FXXCL	12	12.2	2.0	140.0	20D	10D

BREAKOUT TIGHT BUFFER OPTICAL CABLE

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3105	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)
3105-11002FXXCL	2500 x 1	Wooden Drum	112.0	137.0	800 x 800 x 570
3105-11004FXXCL	2500 x 1	Wooden Drum	115.0	140.0	800 x 800 x 570
3105-11006FXXCL	2500 x 1	Wooden Drum	155.0	180.0	800 x 800 x 570
3105-11008FXXCL	2500 x 1	Wooden Drum	215.0	240.0	800 x 800 x 570
3105-11012FXXCL	2500 x 1	Wooden Drum	350.0	375.0	800 x 800 x 570