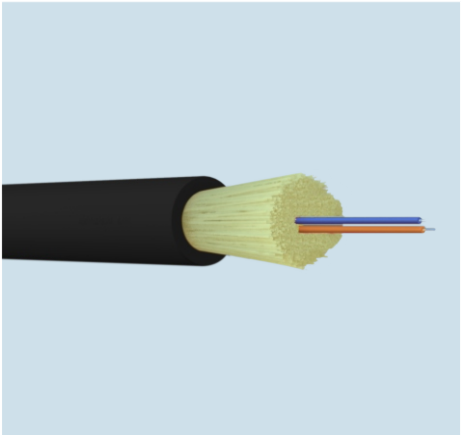


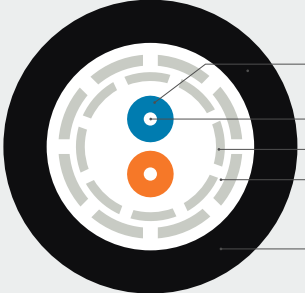
# E-GLASS STRENGTH TIGHT BUFFER BEND INSENSITIVE FIBRE OPTIC CABLE



These bend insensitive cable with G657.A2 fibre 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. This cable have HFFR 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 G657.A2 OS2  
 ISO/IEC 11801 , ISO/IEC 24702  
 ANSI/TIA/EIA 568.3-D  
 ROHS compliant Directive 2002/95/EC  
 HFFR: IEC 60332-1, IEC 60754, IEC 61034

## MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Value
Max. Tensile Load	600 N
Max. Crush Load	1000 N/100 mm
Operating Temp.	-20 °C to +60 °C
Storage Temp.	-40 °C to +85 °C
Sheath Material	HFFR (UV Resistance)

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Tight Buffer Diameter (µm)	Cable Weight (kg/km)
3176-U10027A2CL	2	4.8	900	27.0

# E-GLASS STRENGTH TIGHT BUFFER BEND INSENSITIVE FIBRE OPTIC CABLE



## ORDERING GUIDE

Cable Type	Jacket	No. of Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3176	1=PVC 2=LSZH 3=PE U=HFFR	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)
3176-U10027A2CL	2000 x 1	Reel	54.0	60.0