

CENTRAL LOOSE TUBE ARMoured EXTERNAL CABLE

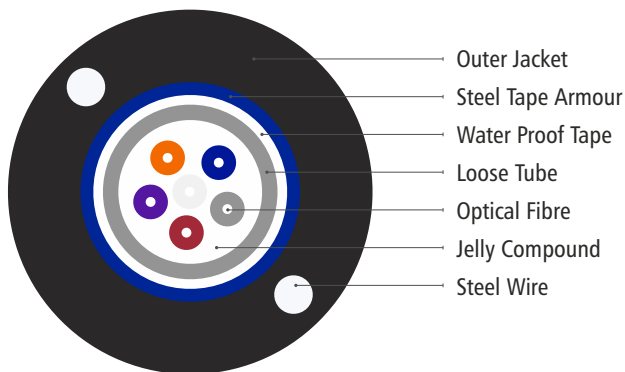


PRODUCT OVERVIEW

These cables are constructed with a central tube filled with water blocking jelly, water blocking tape over the tube giving it excellent water and moisture resistance. A corrugated steel armouring and two steel wires strengthening within the outer PE sheath give this cable excellent tensile strength, mechanical and environmental protection.

They have a small diameter, is light weight and is installation friendly since they come in a single tube with loose tube fibre count up to 12 fibres. Their compact construction protect the loose tube from shrinking, the Armour makes it crush, rodent and impact resistant, the water proofing tape and jelly protects it from water and moisture, the outer PE sheath gives it ultraviolet protection. This cable is suitable for external distribution through ducts, conductor aerial pipe lines.

CABLE DESIGN



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
- IEC60794

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	2000 N	1000 N
Max. Crush Load	1000 N/100 mm	300 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	

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ORDERING INFORMATION

Part Number	Description	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (Kg/Km)	Bend Radius	
					Short (mm)	Long (mm)
AFC10U0040S243X	4	8.5	2.3	90.0	20D	10D
AFC10U0060S233X	6	8.5	2.3	90.0	20D	10D
AFC10U0080S223X	8	8.5	2.3	90.0	20D	10D
AFC10U0120S213X	12	9.0	2.5	100.0	20D	10D

ORDERING GUIDE

Cable Type	Fibre Count	Fibre Type (FXX)	Fibre/Tube	Jacket	Jacket Colour (X)
AFC10U	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	1=12 F/T 2=08 F/T 3=06 F/T 4=04 F/T	1=PVC 2=LSZH 3=PE	As noted

X: 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)
AFC10U0040S243X	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
AFC10U0060S233X	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
AFC10U0080S223X	2500 x 1	Wooden Drum	225.0	250.0	800 x 800 x 570
AFC10U0120S213X	2500 x 1	Wooden Drum	250.0	275.0	800 x 800 x 570