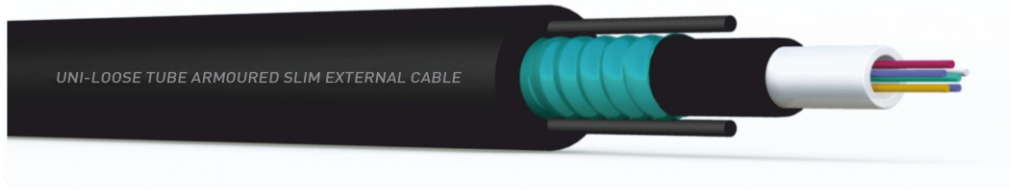


UNI-LOOSE TUBE ARMoured SLIM EXTERNAL CABLE

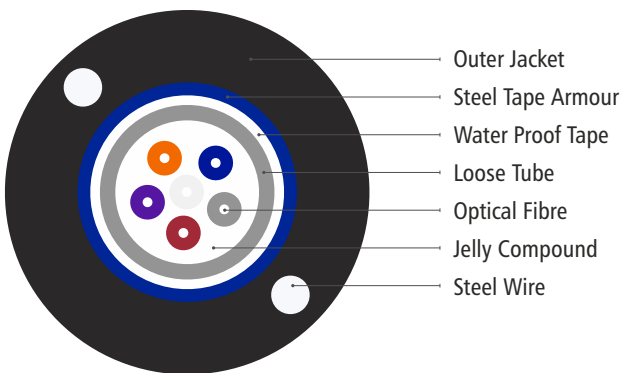


PRODUCT OVERVIEW

These cables are constructed with a uni-loose 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 and mechanical and environmental protection.

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

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	1500 N	1000 N
Max. Crush Load	2000 N/100 mm	300 N/100 mm
Operating Temp.	-20°C to +70°C	
Storage Temp.	-30°C to +70°C	
Sheath Material	Standard: PE Optional: LSZH, PVC or other	

UNI-LOOSE TUBE ARMoured SLIM EXTERNAL CABLE

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (Kg/Km)	Bend Radius	
					Short (mm)	Long (mm)
AFC21U0040S243X	4	7.5	2.3	55.0	20D	10D
AFC21U0060S233X	6	7.5	2.3	55.0	20D	10D
AFC21U0080S223X	8	7.5	2.3	55.0	20D	10D
AFC21U0120S213X	12	8.0	2.5	60.0	20D	10D

ORDERING GUIDE

Cable Type	Fibre Count	Fibre Type (FXX)	Fibre/Tube	Jacket	Jacket Colour (X)
AFC21U	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)
AFC21U0040S243X	2500 x 1	Wooden Drum	137.5	162.5	800 x 800 x 570
AFC21U0060S233X	2500 x 1	Wooden Drum	137.5	162.5	800 x 800 x 570
AFC21U0080S223X	2500 x 1	Wooden Drum	137.5	162.5	800 x 800 x 570
AFC21U0120S213X	2500 x 1	Wooden Drum	150.0	175.0	800 x 800 x 570