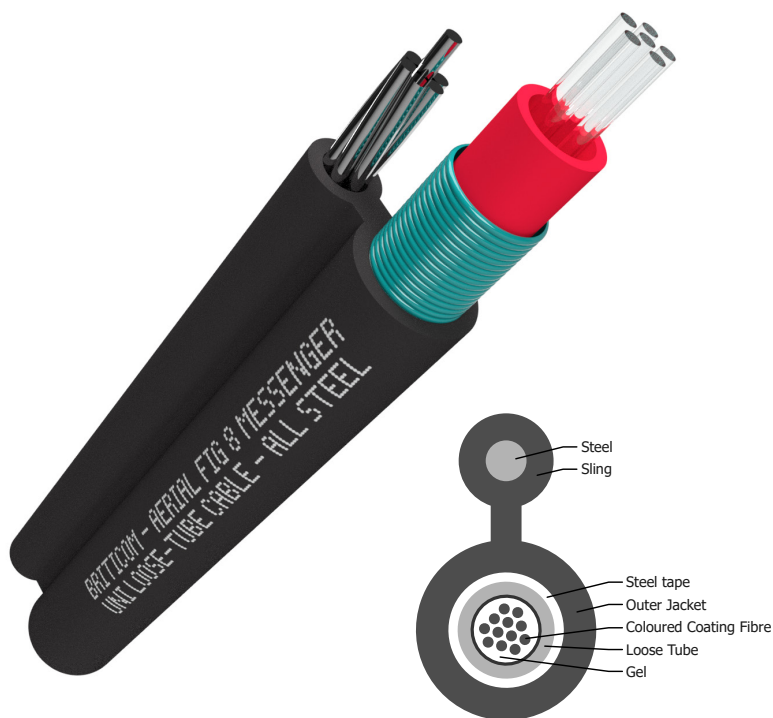




Fibre Optic Cable

Aerial Fig 8 Messenger Uni Loose-Tube Cable – All Steel



Product Description

Briticom® offers a wide range of indoor and outdoor fibre optic distribution, patching and consumer cables including Plenum, Riser and LSZH in all diameters. These are used to provide links to protocols such as FTTH, FDDI, 10 Gigabit Ethernet, ATM.

Features & Benefits

- Aerial - Figure 8 Single Loose Tube
- Self-supporting design
- High tensile strength
- Outdoor use
- Water, flame and rodent resistant
- Available in many colours

Applications

- Telecommunication networks
- CATV - Cable television
- Fibre-To-The-Home (FTTH)



Technical Specifications

Mode Field Diameter	1310nm: 9.2±0.4µm		1550nm: 10.4±0.5µm
Cladding Diameter	124.8±0.7µm		
Cladding Non-Circularity	≤0.7%		
Core-Cladding Concentricity Error	≤0.5µm		
Coating Diameter	245±5µm		
Coating Non-Circularity	≤6.0%		
Cladding-Coating Concentricity Error	≤12.0µm		
Cable Cut-Off Wavelength	$\lambda_{cc} \leq 1260\text{nm}$		
Attenuation (max)	1310nm: ≤0.4dB/km		1550nm: ≤0.3dB/km
Fibre Count	12		
Colour Coating	Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Aqua, Yellow, Purple, Pink		
Loose Tube (Dimensions Material Colour)	1.95mm±0.05mm	PBT	Natural
Strength Member (Dimensions Material)	1.2mm	Steel	
Outer Jacket (Dimensions Material Colour)	3.2mm±0.2mm / 5.7mm±0.3mm	PE	Black

To Order

Ordering information on page 2.



Technical Specifications

Tension (Long Term)	400N
Tension (Short Term)	1000N
Crush (Long Term)	300N/10cm
Crush (Short Term)	1000N/10cm
Minimum Bend Radius (Dynamic)	20D mm
Minimum Bend Radius (Static)	10D mm
Installation Temperature	-20°C+60°C
Operating Temperature	-40°C+70°C
Storage Temperature	-40°C+70°C

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Cable Type		Fibre Type		No of Fibres		Span	
ADSS	ADSS	S1	OS1	1	1 FO	50	50m
F8FR	Figure 8 with FRP	S2	OS2	2	2 FO	80	80m
STA	Steel Tape Armoured	M1	OM1	4	4 FO	200	200m
F8SM	Figure 8 with Steel Messenger	M2	OM2	6	6 FO	600	600m
		M3	OM3	7	7 FO		
		M4	OM4	9	9 FO		
		A1	G657A1	10	10 FO		
		B3	G657B3	12	12 FO		
		A2	G657A2	24	24 FO		
				72	24 FO		
				48	48 FO		
				96	96 FO		
				144	144 FO		
				288	288 FO		
F8SM	ST	S2	SJ	4	PE	80	
Single Tube	ST	Single Jacket	SJ	HDPE	HD		
Multi Tube	MT	Double Jacket	DJ	PVC	PV		
				LSZH	LS		
				Polyethylene	PE		
				LDPE	LD		
				Double Jacket PE/ PVC	DJ		
				Double Jacket HDPE	DJHD		
				Single Jacket HDPE	SJHD		
				Single Jacket PE	SJPE		
Tube		No of Jackets		Material			

*Leave blank if not required

Example Part Number	
Description	Part Number
Single Loose Tube Steel Tape Armoured LT STA Figure 8 Cable with 1.2mm Steel Wire Messenger, 4 Core 80m Span, Single Jacket	F8SMSTS2SJ4PE80

To Order

To place an order, use the contact details below.