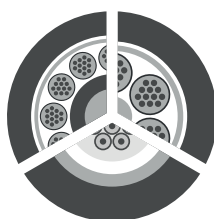




Fibre Optic Cable

Multi Loose-Tube Microduct Air Blown Cable



See **Page 2** for
Cross Section Details



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

- 2-144 FO
- Outer sheath (HDPE, Black)
- Multi loose-tube microduct
- Air blown
- Outdoor use
- Available in many colours

Applications

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

Technical Specifications

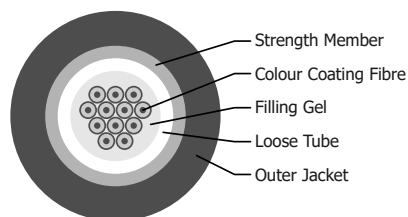
Number of Fibres	2/4/6/8/12 FO	G.652D	12/24/48/72 FO	G.652D	144 FO	G.652D
Mode Field Diameter		9.2 ± 0.4 µm 10.4 ± 0.5 µm		9.2 ± 0.4 µm 10.4 ± 0.5 µm		9.2 ± 0.4 µm 10.4 ± 0.5 µm
Cladding Diameter		124.8 ± 0.7 µm		124.8 ± 0.7 µm		124.8 ± 0.7 µm
Cladding Non-Circularity		≤ 0.7%		≤ 0.7%		≤ 0.7%
Core-Cladding Concentricity Error		≤ 0.5 µm		≤ 0.5 µm		≤ 0.5 µm
Coating Diameter	1310 nm 1550 nm	245 ± 5 µm	1310 nm 1550 nm	245 ± 5 µm	1310 nm 1550 nm	245 ± 5 µm
Coating Non-Circularity		≤ 6.0%		≤ 6.0%		≤ 6.0%
Cladding-Coating Concentricity Error		≤ 12.0 µm		≤ 12.0 µm		≤ 12.0 µm
Cable Cutoff Wavelength		λ _{cc} ≤ 1260 nm		λ _{cc} ≤ 1260 nm		λ _{cc} ≤ 1260 nm
Attenuation (max)		≤0.4 dB/km ≤0.3 dB/km		≤0.36 dB/km ≤0.25 dB/km		≤0.36 dB/km ≤0.25 dB/km
Coloured Coating Fibre Dimension	250 µm ± 15 µm					
Coloured Coating Fibre Colour	Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Purple, Pink, Aqua					
Loose Tube Dimension	1.7 mm ± 0.1 mm		1.50 mm ± 0.5 mm		1.65 mm ± 0.5 mm	
Loose Tube Material	PBT					
Loose Tube Colour	Natural		Blue, Orange, Green, Brown, Grey		Red, Green, Natural	
Strength Member Material	Kevlar yarns		FRP		FRP+PE	
Outer Sheath Dimension	2.5 mm ± 0.2 mm		5.8 mm ± 0.1 mm		8.9 mm ± 0.3 mm	
Outer Jacket Material	HDPE (0.3 mm thickness)					
Outer Jacket Colour	Black					
Tension (Long Term)	100 N		0.15 GN		300 N	
Tension (Short Term)	250 N		0.5 GN		700 N	
Crush (Long Term)	100 N/10 cm		150 N/10 cm		300 N/10 cm	
Crush (Short Term)	300 N/10 cm		450 N/10 cm		1000 N/10 cm	
Minimum Bend Radius (Dynamic)	20 D					
Minimum Bend Radius (Static)	10 D					
Installation Temperature	-20 ~ + 60°C					
Storage/Operating Temperature	-40 ~ + 70°C					



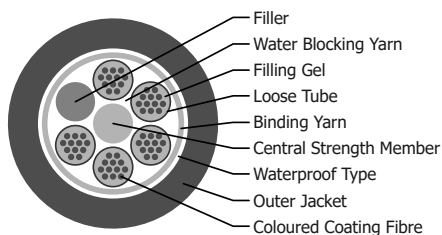


Fibre Optic Cable

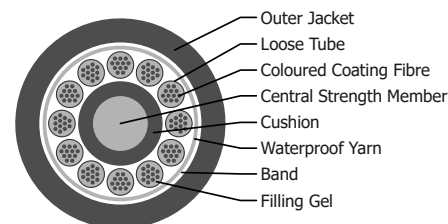
Multi Loose-Tube Microduct Air Blown Cable



2/4/6/8/12 FO



12/24/48/72 FO



144 FO

Ordering Information

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

Cable Type		Fibre Type		No of Fibres		Span	
ABM	Air Blown Microduct	S1	OS1	1	1 FO	50	50m
		S2	OS2	2	2 FO	80	80m
		M1	OM1	4	4 FO	200	200m
		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		
ABM	MT	S2	SJ	12	HD	80	
Multi Loose-Tube	MT	Single Jacket	SJ	HDPE	HD		
Tube		No of Jackets		Material			

*Leave blank if not required

Example Part Number	
Description	Part Number
Mutli-Loose Tube Mircromodule Cable with 12 Core 80m Span, Single Jacket	ABMMTS2SJ12HD80
Mutli-Loose Tube Mircromodule Cable with 144 Core 50m Span, Single Jacket	ABMMTB3SJ144HS50

To Order

To place an order, use the contact details below.