



Fibre Optic Components & Assemblies

Fibre Optic Pre-Terminated Loose Tube Cable



Product Description

Briticom® pre-terminated fibre cable assemblies are ideal for short or long cable runs where a direct connection to equipment or panels is required.

These cables allow network installations to be simplified by direct connection; bypassing wall boxes, ODFs or fibre patch panels, resulting in greatly improved fibre management.

Features & Benefits

- Complies with IEC 61300-3-4
- IEC standard 60529
- High performance 100% laboratory testing
- Direct connection to equipment/ODFs
- 2 to 48 connector terminations on each end of the cable
- Most types of connectors, boots in addition to different jacketing of the tails
- Available in all SM and MM fibre types

Applications

- Data centres
- Telecommunication networks
- LAN, MAN and WAN

Technical Specifications

Fibre Types	Single-mode: OS2; G655; G657A1/2; G657B3. Multimode: OM1; OM2; OM3; OM4; OM5
Tail Dimensions	900um, 2mm, 3mm - Staggered or Fan-out
Cable Construction	Loose Tube
Fibre Count	2 to 48 FO (contact us for availability of higher FO count)
Crush Resistance	Based on the cable specs and construction
Operating Temperature	-20 to 60°C
Installation Temperature	-5 to 50°C
Tail Protection	Bubble wrap or protective tube with pulling socket (optional)
Packaging	Bag, shrink wrap or drum for long length assembly

To Order

To place an order, use the contact details below.





Connector Specifications

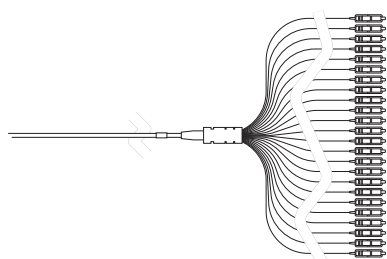
	Standard Multimode	Premium Multimode	Standard Single-mode	Premium Single-mode	Telecom Conformance
Insertion Loss	0.25dB	0.15dB	0.20dB	0.10dB	IEC 61300-3-4
Return Loss	N/A	N/A	55/65	55/65	IEC 61300-3-6

Cable Specifications

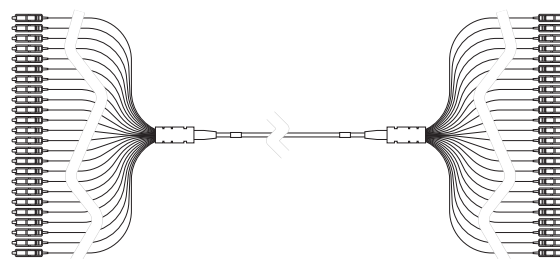
	OS1/2	OM1	OM2	OM3	OM4
Typical Attenuation dB/km	0.34 (1310nm) 0.19 (1550nm)	2.9 (850nm) 1.2 (1310nm)		2.9 (850nm) 0.9 (1310nm)	
Mini Bandwidth MHz/km (at launch)	N/A	200 (850nm) 500 (1300nm)	500 (850nm) 500 (1300nm)	1500 (850nm) 500 (1300nm)	3500 (850nm) 500 (1300nm)

Technical Drawings

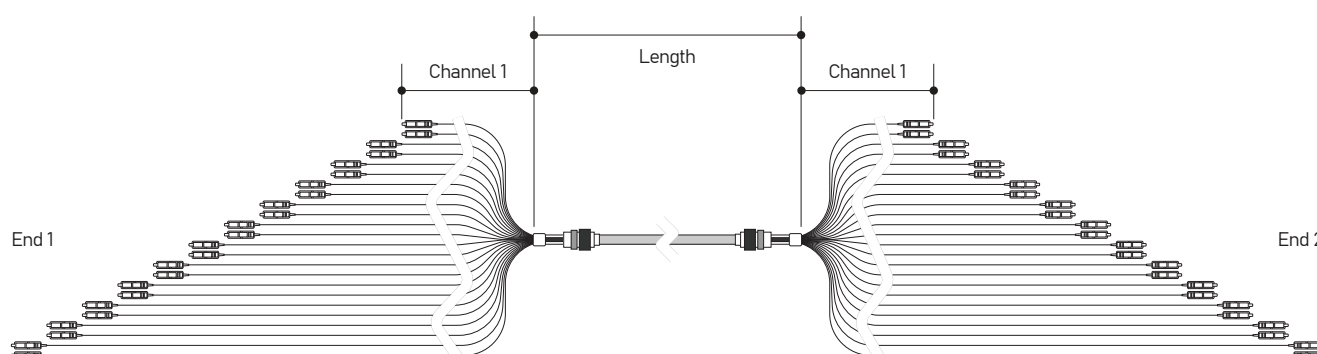
Only 1 Pre-Terminated End Fan-out



Both Pre-Terminated Ends Fan-out



Both Pre-Terminated Ends Staggered



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Ordering Information

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

Type		Fibre Type		Connector End Type B		Length (meters)	
P	Pre-terminated Cable	A1	G657A1	ST	ST	14.5	14.5m
		A2	G657A2	SC	SC	18.5	18.5m
		B3	G657B3	MU	MU	19.5	19.5m
		S2	OS2	LC	LC	20	20m
		M1	OM1	FC	FC	23	23m
		M2	OM2	E2	E2000		
		M3	OM3				
		M4	OM4				
		M5	OM5				
		▲	▲	▲		▲	
P	LT	M2	LC	LC	12C	23	
▼		▼		▼			
Mini Breakout	MB	ST	ST	12 Cores	12C		
Breakout	BO	SC	SC	24 Cores	24C		
Loose Tube	LT	MU	MU				
Armoured Loose Tube	STA	LC	LC				
Tight Buffered	TB	FC	FC				
		E2000	E2				
Cable Structure		Connector End Type A		No of Fibres			

Example Part Numbers	
Description	Part Number
Pre-Terminated Loose Tube FO Cable LC-LC OM2 12 Cores 23m - Orange	PLTM2LCLC12C23

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