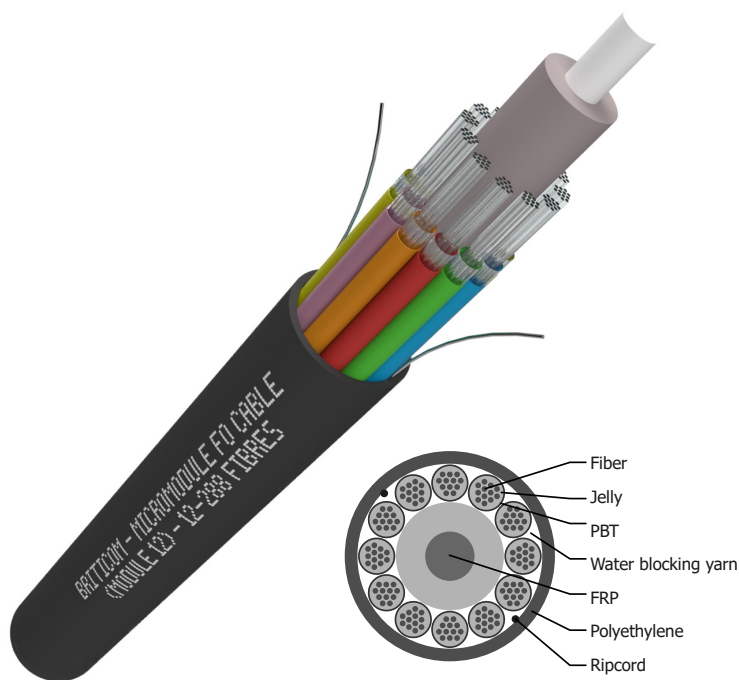




Fibre Optic Cable

Micromodule FO Cable G652D (Module 12) – 12-288 Fibres



Product Description

Briticom® 12 to 288 Fibres G652D Fibre Micromodule Fibre Optic Cable complies with the requirements of this specification and generally meet any latest relevant ITU-T Recommendation G652.

Features & Benefits

- Outer sheath (HDPE, Black)
- Water blocking yarn
- Central FRP
- Ripcord×2

Applications

- FTTH GPON - Telecom
- Outdoor Installations



Technical Specifications

Mode Field Diameter - At 1310nm	9.2±0.4µm
Cladding Diameter	125±1µm
Core Concentricity Error	≤0.6µm
Cladding Non-Circularity	≤1.0%
Cut-Off Wavelength (λ _{cc}) (for cable)	≤1260nm
Cut-Off Wavelength (λ _c) (for fibre) (Not included color layer)	1180nm~1330nm 245±10µm
Primary Coating Diameter (Included Colour Layer)	250±15µm
Coating-Cladding Concentricity Error	≤12.5µm
Fibre Curl Radius	≥4m
Attenuation	At 1310nm ≤0.36dB/km At 1550nm ≤0.22dB/km
Macro Bending Loss Φ=60mm, 100turns at 1550nm within 1288~1339nm	≤0.1dB ≤3.5ps/nm-km
Chromatic Dispersion At 1550nm	≤18ps/nm-km
Zero Dispersion Wavelength	1300~1324nm
Zero Dispersion Slope	≤0.092ps/nm ² -km

To Order

Ordering information on page 2.



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Ordering Information

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

Cable Type		No of Fibres		Additional*	
MCM	Micromodule	C36	36 FO	DY	Dry
MCD	Microduct	C48	48 FO	2W	2 Wires
		C72	72 FO	FI	Flat Inside Round
		C96	96 FO	SM	Steel Wire Messenger
		C144	144 FO	FRPM	FRP Messenger
		C288	288 FO	FRPMF8	Figure 8 FRP Messenger
				FRP2	FRP x 2
				FCM	FRP Central Strength Member
				SCM	Steel Central Strength Member
▲		▲		▲	
MCM	S2	C12	PE	FCM	
▼		▼			
G657A2	A2	HDPE	HD		
OS2	S2	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		
Fibre Type		Material			

*Leave blank if not required

Example Part Number	
Description	Part Number
Micromodule Fibre Optic Cable – 12 Core OS2 with FRP (Module 12)	MCMS2C12PEFCM

To Order

To place an order, use the contact details below.