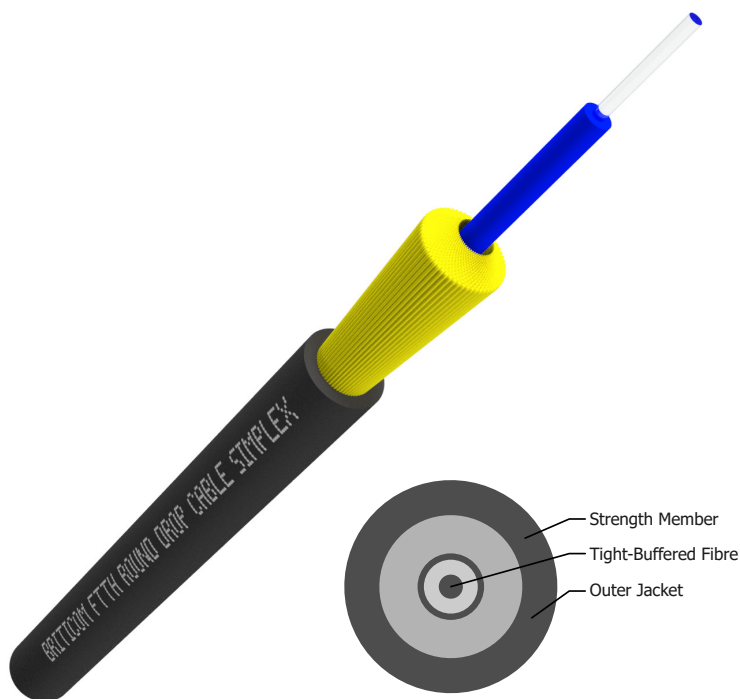




Fibre Optic Cable

FTTH – Round Drop Cable – Simplex



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

- Available in many colours
- Strength member
- Tight-buffered fibre
- Outer jacket

Applications

- Telecommunication networks
- CATV - Cable television
- Fibre-To-The-Home (FTTH)
- Wall outlets to desk



Technical Specifications

Mode Field Diameter 1310nm 1550nm	9.0±0.4 µm 10.1±0.5 µm
Cladding Diameter	124.8±0.7 µm
Cladding Non-Circularity	≤0.7 %
Core-Cladding Concentricity Error	≤0.5 µm
Coating Diameter	245±5 µm
Coating Non-Circularity	≤6.0 %
Cladding-Coating Concentricity Error	≤12.0 µm
Cable Cutoff Wavelength	$\lambda_{cc} \leq 1260 \text{ nm}$
Attenuation(max.) 1310nm 1550nm	≤0.4 dB/km ≤0.3 dB/km
Macro-Bending Loss 1 turn x 7.5mm radius @1550nm 1 turn x 7.5mm radius @1625nm	≤0.75 dB ≤1.5 dB

Continued on page 2...

To Order

Ordering information on page 2.



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Mechanical & Environmental Characteristics

Tension (Long Term)	150N
Tension (Short Term)	450N
Crush (Long Term)	100 N/10cm
Crush (Short Term)	500 N/10cm
Min. Bend Radius (Dynamic)	20D mm
Min. Bend Radius (Static)	10D mm
Installation Temperature	-30 ~ 80 °C
Operating Temperature	-40 ~ 80 °C
Storage Temperature	-40 ~ 80 °C

Cable Parameters

Fibre Count	1
Tight-Buffered Fibre Dimension	850±50 µm
Tight-Buffered Fibre Material	LSZH
Tight-Buffered Fibre Colour	Blue
Strength Member	Kevlar
Strength Member Dimension	3.0mm±0.2 mm Thickness is about 0.7mm
Outer Jacket Material	LSZH
Outer Jacket Colour	Black

Ordering Information

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

Connector		Strength Members		No of Fibres		Additional*	
FDC	Flat Drop Cable	SW	Steel Wire	1	1 FO	FI	Flat Inside Round
RDC	Round Drop Cable	FRP	FRP Member	2	2 FO	SM	Steel Wire Messenger
		K	Kevlar	3	3 FO	FRPM	FRP Messenger
		AY	Aramid Yarn	4	4 FO	FRPM8	Figure 8 FRP Messenger
				5	5 FO		
				6	6 FO		
				7	7 FO		
				8	8 FO		
				9	9 FO		
				10	10 FO		
				11	11 FO		
				12	12 FO		
▲		▲		▲		▲	
RDC	B3	K	BLK	1	LS		
	▼		▼		▼		
G657A1	A1	Yellow	YEL	HDPE	HD		
G657B3	B3	Black	BLK	PVC	PV		
OM1	M1	White	WHT	LSZH	LS		
OM2	M2	Aqua	AQU	Polyethylene	PE		
OM3	M3			LDPE	LD		
OM4	M4			Double Jacket PE/PVC	DJ		
OS1	S1			Double Jacket HDPE	DJHD		
OS2	S2			Single Jacket HDPE	SJHD		
				Single Jacket PE	SJPE		
Fibre Type		Colour		Material			

*Leave blank if not required

Example Part Number	
Description	Part Number
Round Drop FTTH Cable B3 Single-mode Fibre 3mm LSZH 1 Fibre - Black	RDCB3KBLK1LS

To Order

To place an order, use the contact details below.