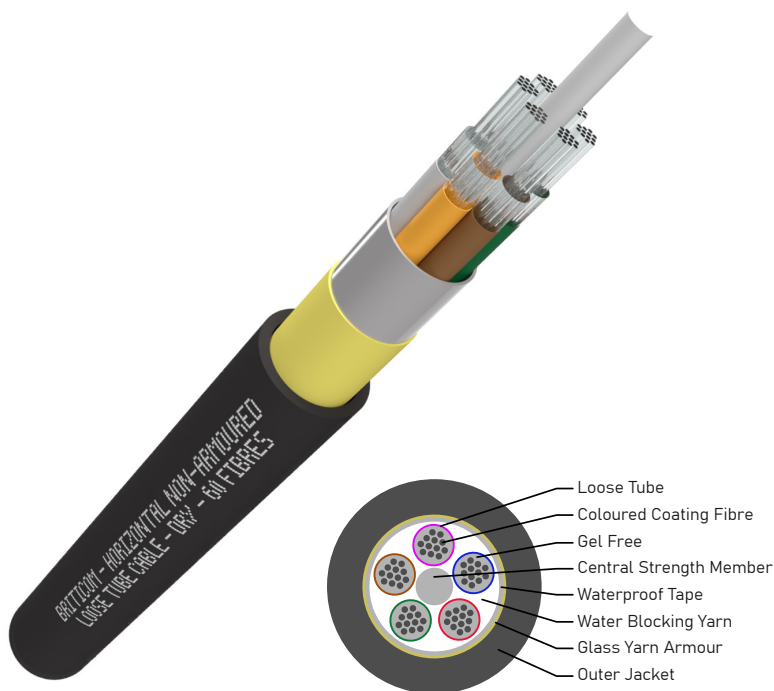




Fibre Optic Cable

Horizontal Armoured Dielectric Loose Tube Cable – Dry – 60 Fibres



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

- For outdoor or indoor use
- Rigid PE Jacket
- Loose-tube non-armoured
- Dry (no gel)
- Multi-tube structure

Applications

- FTTH
- Telecom
- Indoor/Outdoor datacomms



Technical Specifications

Mode Field Diameter	
1310nm	9.2±0.4 µm
1550nm	10.4±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 Cut-off Wavelength	$\lambda_{cc} \leq 1260$ nm
Attenuation	
1310nm	≤0.36 dB/km
1550nm	≤0.22 dB/km
Fibre Count	12
Coloured Coating Fibre Dimension	250±15µm
Coloured Coating Fibre Colour	Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Purple, Pink, Aqua

To Order

Ordering information on page 2.



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Mechanical & Environmental Characteristics

Tension (Long Term)	600N
Tension (Short Term)	1500N
Crush (Long Term)	300 N/10cm
Crush (Short Term)	1000 N/10cm
Min. Bend Radius (Dynamic)	20D mm
Min. Bend Radius (Static)	10D mm
Installation Temperature	-20 ~ 60 °C
Operating Temperature	-40 ~ 70 °C
Storage Temperature	-40 ~ 70 °C

Cable Parameters

Loose Tube Dimension	1.95mm±0.05 mm
Loose Tube Material	PBT
Loose Tube Colour	Blue
Filler Dimension	1.95±0.05 mm
Filler Material	PP
Filler Colour	Natural
Central Strength Member Dimension	1.5mm
Central Strength Member Material	FRP
Outer Jacket Material	PE
Outer Jacket Colour	Black

Ordering Information

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

Cable Type		No of Fibres		Additional*	
ULSTA	Uni Loose-Tube Steel Tape Armoured	C1	1 FO	DY	Dry
		C2	2 FO	2W	2 Wires
		C3	3 FO	FI	Flat Inside Round
MTSTA	Multi Loose-Tube Steel Tape Armoured	C6	6 FO	SM	Steel Wire Messenger
		C7	7 FO	FRPM	FRP Messenger
		C9	9 FO	FRPMF8	Figure 8 FRP Messenger
MTDSTS	Multi Loose-Tube Double Steel Tape Armoured & Sheath	C10	10 FO	FRP2	FRP x 2
		C11	11 FO	FCM	FRP Central Strength Member
		C12	12 FO	SCM	Steel Central Strength Member
MLNA	Multi Loose-Tube No metal	C72	24 FO		
		C48	48 FO		
		C72	72 FO		
ULNA	Uni Loose-Tube No Metal	C96	96 FO		
		C144	144 FO		
		C288	288 FO		
MTLAT	Multi Loose Laminated Aluminium Tape				
ULLAT	Single Loose-Tube Laminated Aluminium Tape				
▲		▲		▲	
ULSTA	S2	C12	PE	DY	
	▼		▼		
G657A1	A1	HDPE	HD		
G657B3	B3	PVC	PV		
OM1	M1	LSZH	LS		
OM2	M2	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		Material			

*Leave blank if not required

Example Part Number	
Description	Part Number
Uni Loose Tube Non-Armoured Cable 12 Cores Single-mode OS2 LSZH – Dry	ULSTAS2C12PEDY

To Order

To place an order, use the contact details below.