



Fibre Optic Cable

Horizontal Steel & Aluminium Tape Armoured Double Jacket Cable - Steel



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

- Steel strength member
- Steel & aluminium tape armoured – double jacket
- For outdoor use
- Water, flame and rodent resistant
- Available in many colours

Applications

- FTTH
- Telecom
- Indoor/Outdoor datacomms

Technical Specifications

Cable Mode	SM	Cable Size (Number of Fibres)	48F
Cable Size (weight per km & diameter)	2-36FO: 13.7mm/190kg ; 38-72FO: 15.3mm/229kg ; 76-96FO: 15.9mm/244kg ; 98-120FO: 18mm/288kg ; 124-144FO: 19.2mm/325kg ; 146-288FO: 20.9mm/373kg		
Jacket Material (HDPE, MDPE)	Inner: MDPE; Outer: HDPE		
Central Strength Member Material	FRP or steel wire		
Fibre Cores Material	Germanium silica		
Cladding Material	Silica		
Loose Tube Material / Filler	PBTP / filling jelly compound		
Water Blocker	Water blocking compound		
Inner Jacket Filler	Flooding/filling jelly compound		
Cable Colour	Black (unless otherwise requested)		
Armouring/Coating Configuration	2 Armouring levels each have: 0.15mm Aluminium tape with 0.05mm coating (each side)		
Jacket Thickness	≥0.9mm (Inner) ≥1.8mm (Outer)		
Steel Tape Thickness	≥0.15mm		
Drum Size	4km/roll (metal core and Polywood frame drum)		
Max Crush Resistance (N/100mm2)	5000		
Standards	IEC 60794-1-1:2023 IEC 60794-4-30:2021 GR-20 Issue 4 IEC 60794 IEC fire/smoke standards ISO/IEC 11801-1, ITU-T G.652D/G.657xx		

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*	
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
MTSMA	Multi Loose-Tube Steel & Aluminium Tape Armoured	C10	10 FO	FRP2	FRP x 2
		C11	11 FO	FCM	FRP Central Strength Member
		C12	12 FO	SCM	Steel Central Strength Member
MTDSTS	Multi Loose-Tube Double Steel Tape Armoured & Sheath	C72	24 FO		
		C48	48 FO		
		C72	72 FO		
		C96	96 FO		
MLNA	Multi Loose-Tube No metal	C144	144 FO		
		C288	288 FO		
ULNA	Uni Loose-Tube No Metal				
MTLAT	Multi Loose Laminated Aluminium Tape				
ULLAT	Single Loose-Tube Laminated Aluminium Tape				
▲		▲		▲	
MTSMA	S2	C124	DJHD	SCM	
▼		▼			
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
Multi Loose Tube Steel & Aluminium Armoured Cable 124 FO Single-mode OS2 Double Jacket with Steel Central Member	MTSMAS2C124DJHDSCM

To Order

To place an order, use the contact details below.