



Copper Structured Cabling

Cat 6a – F/FTP Solid LAN Cable

Product Description

Briticom® category 6a double foiled F/FTP cable is designed and manufactured to meet and exceed the ISO and TIA standards, including ANSI/TIA-568.0-D Standard of 2017 and T568.2-D Standard.

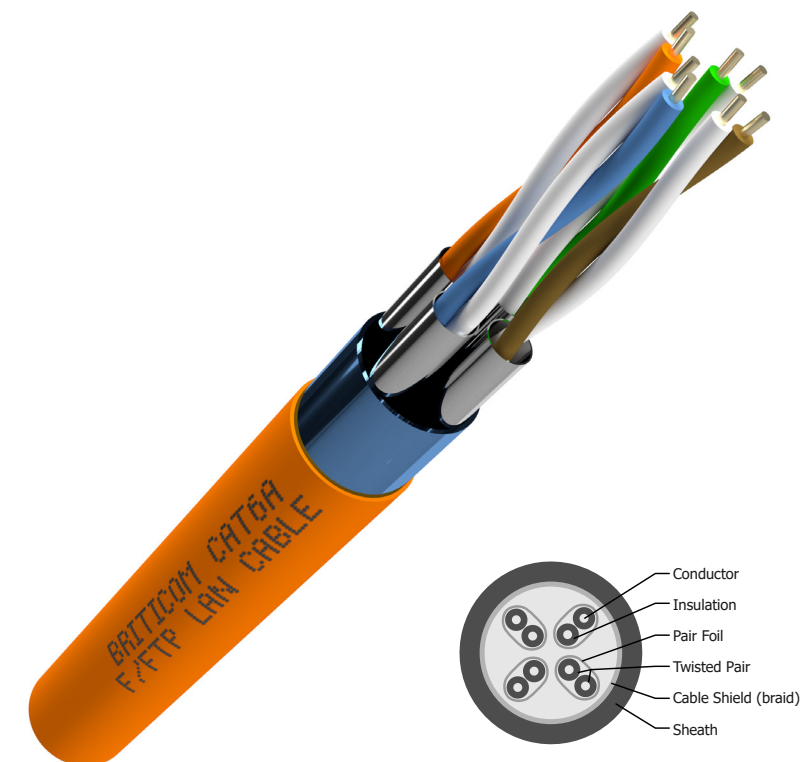
This delivers Class FA link and channel performance supporting all applications detailed and proposed within the standards. This superior performance cable is ETL component verified.

Features & Benefits

- 25-Year warranty
- ANSI/TIA-568.0-D Standard of 2017
- T568.2-D Standard
- 550 MHz with over 10Gbps
- Double foiled
- LSZH, PVC or PE jacket
- Available in different colours, reel lengths and packaging types

Applications

- 10BASE-T (IEEE 802.3)
- 4/16 Mbps TOKEN RING (IEEE 802.5)
- 100BASE-VG-AnyLAN
- 100 Mbps TP-PMD (ANSI X3T9.5)
- 100BASE-T (IEEE 802.3)
- 55/155 Mbps ATM
- 1000BASE-T (Gigabit Ethernet)
- 1.2 Gbps ATM
- 10G BASE-T



Technical Specifications

American Wire Gauge (AWG)	23
After Tensile Strength (Mpa)	>=85% of unaged
Minimum Point Thickness (mm)	0.48
Cable Laying Length (±mm)	140
Jacket	PVC or LSZH
Outer Diameter (±0.2mm)	8.70
100.0-250MHz Delay Skew (ns/100m)	100 ± 22
1.0-250.0MHz Impedance (ohms)	100
Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330
Max. Conductor DC Resistance 20Ω (ohms/km)	73.2
Test Material	PVC
Before Tensile Strength (Mpa)	>=13.8
Aging Elongation (%)	>=50% of unaged
Aging Condition (□×hrs)	100×240
Operating Temperature	-25C to +70C
Standards	IEEE 802.3bt-2018 IEEE 802.3af-2003 (&3at-2009 & 3bu-2016) PoE++ (4PPoE) - Ready ISO/IEC 11801 ed 2 .

To Order

Ordering information on page 2.





Ordering Information

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

Construction		Sheath Material		Length (metres)		Outdoor*	
UUTP	U/UTP	HD	HDPE	5	5m	OD	Outdoor
FUTP	F/UTP	PV	PVC	15	15m		
SFUTP	SF/UTP	LS	LSZH	200	200m		
SFTP	S/FTP	LD	LDPE	305	305m		
FFTP	F/FTP	DJ	Double Jacket PE/	500	500m		
UFTP	U/FTP	PE	PVC Polyethylene				
▲		▲		▲		▲	
FFTP	C6A	LS	ORN	500	-P		
▼		▼		▼			
Cat 5E	C5E	Grey	GRY	Extra Range Platinum	-E		
Cat 6	C6	Purple	PRL		-P		
Cat 6A	C6A	Black	BLK				
Cat 7	C7	Red	RED				
Cat 7A	C7A	Orange	ORN				
Cat 8	C8	Blue	BLU				
Category		Colour		Standard			

*Leave column blank if indoor.

Example Part Number	
Description	Part Number
Cat 6A F/FTP LSZH 500m 23AWG Orange Jacket – Platinum	FFTPC6ALSORN500-P

To Order

To place an order, use the contact details below.