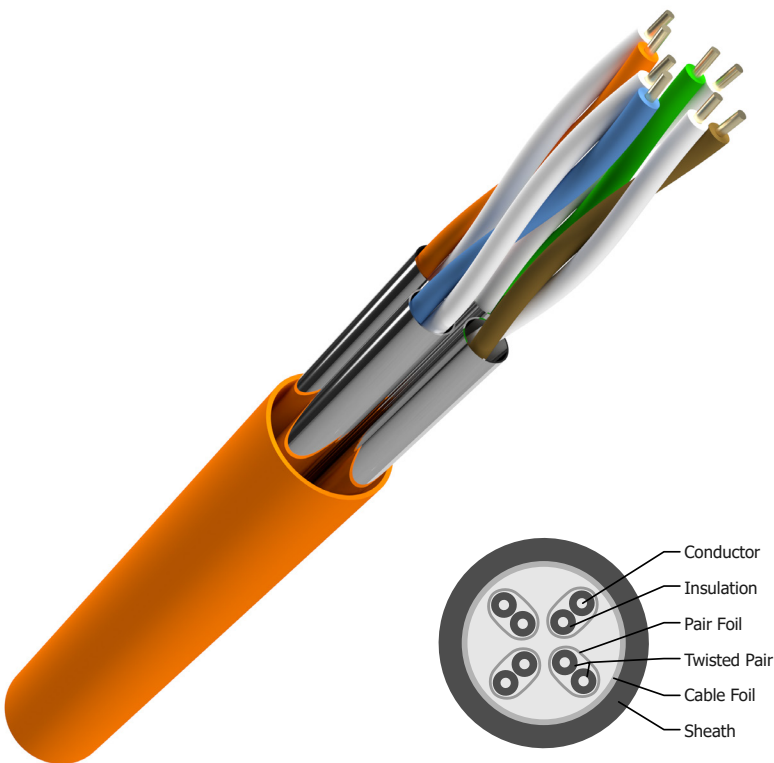




Copper Structured Cabling

Cat 6 – U/FTP Solid LAN Cable



Technical Specifications

Bending Radius	Without load	4 x D
	With load	8 x D
Temperature Range	During Operation	-20°C to + 60°C
	During Installation	0°C to + 50°C
Loop resistance		154 Ω/km
Resistance unbalance		≤ 2%
Insulation resistance	(500 V)	≥ 2000 MΩ *km
Mutual capacitance	at 800 Hz	Nom. 43 nF/km
Capacitance unbalance	(pair/ground)	≤ 1500 pF/km
Mean characteristic impedance	100 MHz	100 ± 5
Nominal velocity of propagation		Ca. 79 %
Propagation delay		≤ 427 ns/100m
Delay skew		≤ 12 ns/100m
Test voltage	(DC, 1 min) core/ core and core/screen	1000 V
Transfer impedance	at 1 MHz	≤ 50 mΩ /m
	at 10 MHz	≤ 100 mΩ /m
	at 30 MHz	≤ 200 mΩ /m
Coupling attenuation		55 dB
Standards	IEEE 802.3bt-2018 IEEE 802.3af-2003 (& 3at-2009 & 3bu-2016) PoE++ (4PPoE) - Ready	

To Order

Ordering information on page 2.

Product Description

Briticom® category 6 double foiled U/FTP cable is designed and manufactured to meet and exceed the ISO, and TIA standards.

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
- 250 MHz with over 2.5Gbps
- Double foiled
- LSZH, PVC or PE jacket
- Available in different colours, reel lengths and reeling techniques

Applications

- Data centres
- Telecommunication networks
- LAN





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				
▲		▲		▲		▲	
UFTP	C6	LS	ORN	305	-P		
▼		▼		▼			
Cat 5E	C5E	Grey	GRY	Extra Range	-E		
Cat 6	C6	Purple	PRL	Platinum	-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 6 U/FTP LSZH 305m 23AWG Orange Jacket – Platinum	UFTPC6LSORN305-P

To Order

To place an order, use the contact details below.