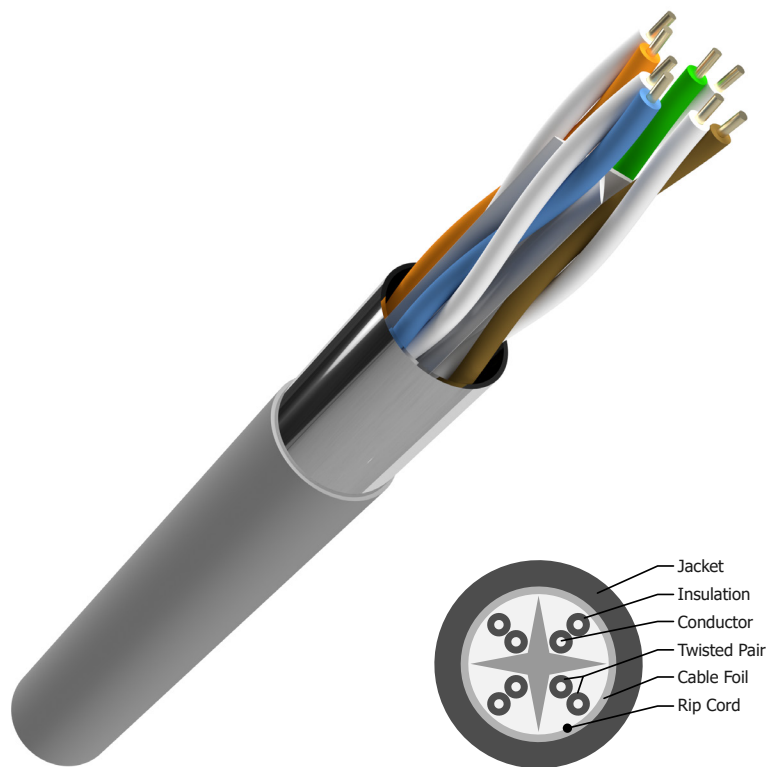




Copper Structured Cabling

Cat 6 – F/UTP Solid LAN Cable



Product Description

Briticom® category 6 F/UTP LAN solid cable is designed and manufactured to meet and exceed the ISO, CENELEC 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

- ANSI/TIA-568.0-D Standard of 2017
- T568.2-D Standard
- 25-Year warranty
- 250 MHz with over 2.5Gbps
- Foiled twisted pair
- LSZH, PVC or PE jacket
- Available in different lengths and packaging types

Applications

- Call centres
- Data networks
- CCTV
- LAN

Technical Specifications

American Wire Gauge (AWG)	23
After Tensile Strength (Mpa)	>=85% of unaged
Minimum Point Thickness (mm)	0.20~0.21
Cable Laying Length (±mm)	140
Jacket	PVC (inner), LLDPE (outer)
Outer Diameter (±0.2mm)	7.20
100.0-250MHz Delay Skew (ns/100m)	100 ± 25
1.0-250.0MHz Impedance (ohms)	100 +/-15
Pair-to-Ground Capacitance Unbalance (pF/100m)	<330
Max. Conductor DC Resistance 20□ (ohms/km)	73.2
Test Material	PVC and LLDPE
Before Tensile Strength (Mpa)	≥13.9 (PVC), ≥15 (LLDPE)
Aging Elongation (%)	≥100 (PVC), ≥150 (LLDPE)
Aging Condition (□×hrs)	100×240 (PVC), 100×168 (LLDPE)
Operating Temperature	-25C to +70C
Standards	IEEE 802.3bt-2018 IEEE 802.3af-2003 (&3at-2009 & 3bu-2016) PoE++ (4PPoE) - Ready

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				
▲		▲		▲		▲	
FUTP	C6	PV	GRY	500	-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 F/UTP PVC 500m Full 23AWG Grey – Platinum	FUTPC6PVGRY500-P
Cat 6 F/UTP LSZH 1000m 23AWG Black – Extra	FUTPC6LSBLK1000-E

To Order

To place an order, use the contact details below.