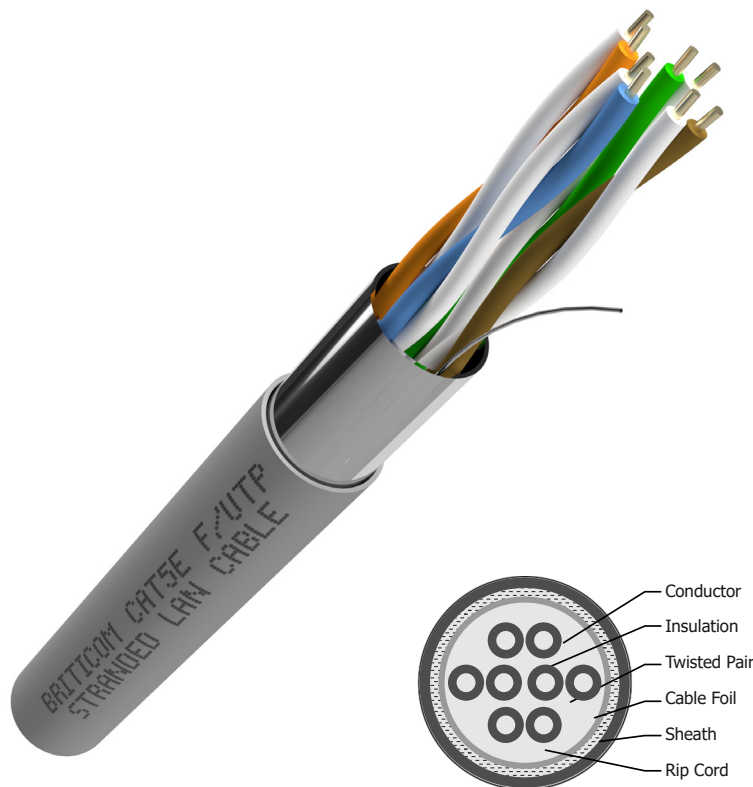


Copper Structured Cabling

Cat 5E – F/UTP Stranded Cable



Product Description

Briticom® category 5E F/UTP stranded (flexible) 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.

Features & Benefits

- 25-Year warranty
- ANSI/TIA-568.0-D Standard of 2017
- T568.2-D Standard
- Foiled/Unshielded twisted pair
- LSZH or PVC jackets
- Available in different reel lengths, packaging type and colours

Applications

- Data networks
- LAN applications
- CCTV

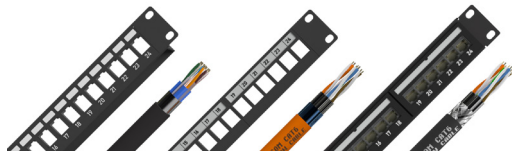
Technical Specifications

American Wire Gauge (AWG)	26 (0.48mm - 8×7×0.16mm)
Construction	Shielded 4 twisted pairs
Conductor	Stranded bare copper (7×0.16mm)
Conductor Diameter	AWG 26 (0.48mm)
Conductor Insulation Material	Foam skin polyethylene (PE)
Drain Wire	Tinned copper, 18×0.10mm
Shield	Aluminium / polyester foil
Jacket Material	PVC, LSZH
Outer Diameter	5.2 ± 0.2mm
Nominal Mutual Capacitance at 1kHz	50nF/km
Maximum Conductor DCR	1350hm/km
NVP - Nominal Velocity Of Propagation	0.75c
Skew - Propagation Delay Difference (100mHz)	Typical ≥ 40ns/100m
Impedance 1-100mHz	100 ±150hm
Temperature Range - Operation	-20°C to +60°C
Minimum Bending Radius - Operation/Installation	20mm/40mm
Maximum Pulling Tension	80N
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	305	305m	OD	Outdoor
FUTP	F/UTP	PV	PVC	500	500m		
SFTP	SF/UTP	LS	LSZH	1000	1000m		
FFTP	F/FTP	LD	LDPE				
UFTP	U/FTP	DJ	Double Jacket PE/				
		PE	PVC				
			Polyethylene				
▲		▲		▲		▲	
FUTP	C5E	LS	GRY	305	-E		
	▼		▼		▼		
Cat 5E	C5E	Grey	GRY	Extra Range	-E		
Cat 6	C6	Purple	PRL	Platinum	-P		
Cat 6A	C6A	Black	BLK				
Cat 7	C7						
Cat 7A	C7A						
Cat 8	C8						
Category		Colour		Standard			

*Leave column blank if indoor.

Example Part Number	
Description	Part Number
Cat 5E F/UTP Stranded LSZH 305m 26AWG Grey – Extra Range	FUTPC5ELSGRY305-E

To Order

To place an order, use the contact details below.