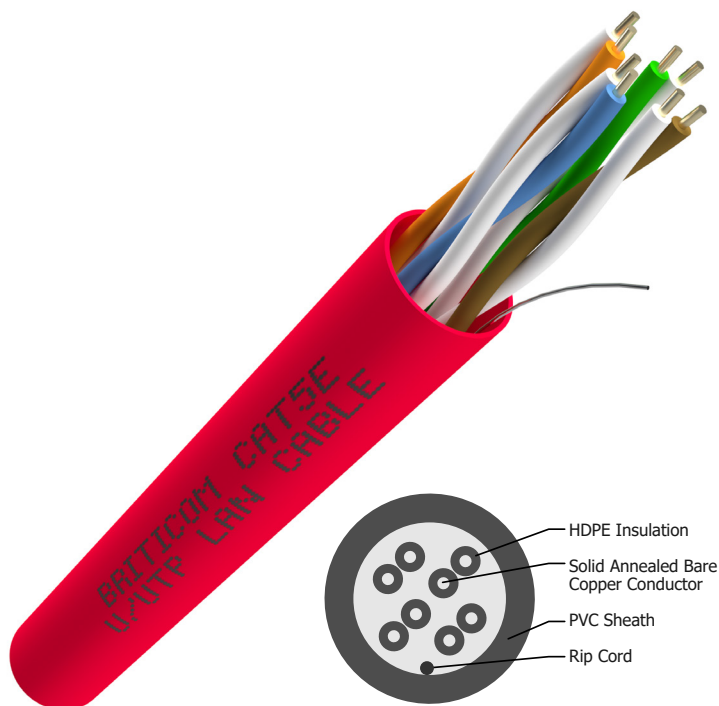


Copper Structured Cabling

Cat 5E – U/UTP Solid LAN Cable



Product Description

Briticom® category 5E U/UTP solid LAN cable is designed and manufactured to meet and exceed the ISO, CENELEC and TIA standards for harsh environment, 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
- Foiled/unshielded twisted pair
- LSZH or PVC jacket
- Available in different reel lengths, packaging type and colours

Applications

- Data networks
- LAN applications
- CCTV

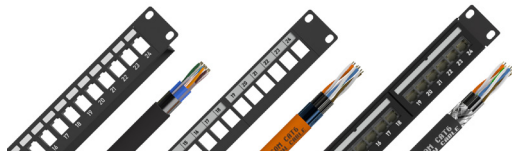
Technical Specifications

American Wire Gauge (AWG)	24
After Tensile Strength (Mpa)	≥85% of unaged
Minimum Point Thickness (mm)	0.18
Cable Laying Length (±mm)	140
Jacket	PVC or LSZH
Outer Diameter (±0.2mm)	5.20
100.0-250MHz Delay Skew (ns/100m)	100 ± 20
1.0-250.0MHz Impedance (ohms)	100
Pair-to-Ground Capacitance Unbalance (pF/100m)	≤330
Max. Conductor DC Resistance 20oC (ohms/km)	93.8
Test Material	PVC
Before Tensile Strength (Mpa)	≥13.8
Aging Elongation (%)	≥50 of unaged
Aging Condition (oC × hrs)	100×240
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	305	305m	OD	Outdoor
FUTP	F/UTP	PV	PVC	500	500m		
SFUTP	SF/UTP	LS	LSZH	1000	1000m		
SFTP	S/FTP	LD	LDPE				
FFTP	F/FTP	DJ	Double Jacket PE/ PVC				
UFTP	U/FTP	PE	Polyethylene				
⬆		⬆		⬆		⬆	
UUTP	C5E	PV	RED	500	-E		
⬇		⬇		⬇			
Cat 5E	C5E	Grey Purple Black Red	GRY	Extra Range Platinum	-E		
Cat 6	C6		PRL		-P		
Cat 6A	C6A		BLK				
Cat 7	C7		RED				
Cat 7A	C7A						
Cat 8	C8						
Category		Colour		Standard			

*Leave column blank if indoor.

Example Part Number	
Description	Part Number
Cat 5E U/UTP PVC 500m 24AWG Red – Extra Range	UUTPC5EPVRED500-E

To Order

To place an order, use the contact details below.