



Copper Structured Cabling

Cat 6a – S/FTP Solid LAN Cable

Product Description

Briticom® category 6a screened and foiled S/FTP cable is designed and manufactured to meet and exceed the ISO, CENELEC 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
- 550 MHz with over 10Gbps
- Shielded and foiled twisted pairs
- LSZH or PVC jacket
- Available in different colours, reel lengths and reeling techniques
- ISO 11801 standard, 2nd edition, for components and the implementation of cabling systems.
- EIA/TIA 568B standard.
- Directive 2002/95/EC (RoHS) relating to environmental protection compliance.
- End-to-end compatibility with IEEE 802.3at, including "Low Voltage" transmission over copper cable links.
- EN 50288
- ISO 11801

Applications

- Telecommunication networks
- Data networks
- CCTV
- CATV (Cable television)
- LAN Applications



Technical Specifications

American Wire Gauge (AWG)	23
After Tensile Strength (Mpa)	>=85% of unaged
Minimum Point Thickness (mm)	0.27
Cable Laying Length (+mm)	140
Jacket	PVC or LSZH
Outer Diameter (±0.2mm)	7.20
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

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				
▲		▲		▲		▲	
SFTP	C6A	LS	BLK	305	-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 S/FTP LSZH 305m Full 23AWG Black – Platinum	SFTPC6ALSBLK305-P

To Order

To place an order, use the contact details below.