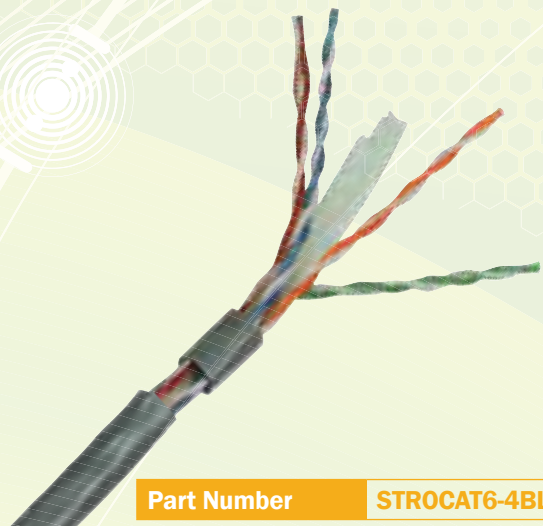
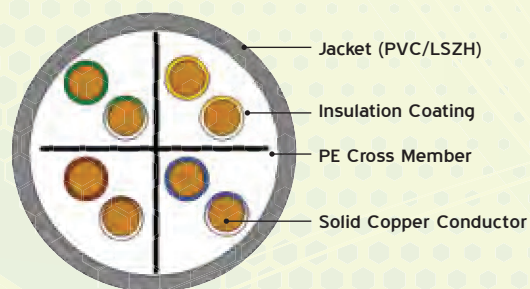


COPPER PRODUCTS

Category 6 UTP Lan Cable



Part Number **STROCAT6-4BL**



Category 6 unshielded (UTP) cable is produced using 4 x 2 x 23AWG copper wire structure to a class E standard. More than capable of supporting protocol's up to 250 MHz for horizontal and backbone installations.

Features

- ▶ 23AWG conductor - solid bare copper cable
- ▶ 4x unscreened twisted pairs
- ▶ PVC and LSZH options
- ▶ Supplied in 305m reel boxes
- ▶ Metre marked

Applications

- ▶ Supports Category 6 (Class E) networks for running up to 250 MHz applications
- ▶ Backwards compatible with 5e distribution systems
- ▶ Horizontal and backbone installations
- ▶ 10Base T (IEEE 802.3)
- ▶ 100Base T (IEEE 802.3U)
- ▶ 100VG any LAN (IEEE 802.12)
- ▶ Token ring (IEEE 805.5)

Conformance

- ▶ Category 6
- ▶ ANSI/EIA/TIA 568B.21 : 2002
- ▶ ISO/IEC 11801 : 2002
- ▶ RoHs

Technical Specifications

FREQUENCY	ATTENUATION DB / 100 M	NEXT DB	PSNEXT DB	ELFEXT DB / 100 M	PSELFEXT DB / 100 M	RL DB
100	19.8	44.3	42.3	27.8	24.8	20.1
155	25.1	41.4	39.4	23.9	20.9	18.8
200	29.0	39.8	37.8	21.8	18.7	18.0
250	32.8	38.3	36.3	19.8	16.8	17.3

ELECTRICAL	VALUE
Conductor Loop Resistance	9.5 Ohm / 100m
Dielectric Strength	DC 1.5kv Passed
Characteristic Impedance	100 Ohm
ENVIRONMENTAL	
Temp. Range	-20 to 50
Tensile Load	80N
Minimum Bend Radius	8X OD
PHYSICAL	
Cable Weight	12.7 kg/305 m
Outer Diameter	6.2 mm
Sheath Colour	PVC Grey RAL 7046 /LSZH Purple RAL 4001
Fire Safety Rating	IEC 60332-1
Smoke Index	LSZH IEC 61034
Wire Diameter	23AWG /0.57mm
TRANSMISSION	
Propagation Delay	<45 20 ns/100m
NVP	68

Ordering Information

DESCRIPTION	PART NO
CAT6Unshielded (UTP) 23AWG cable -PVC Grey	UTP6305PVC
CAT6Unshielded (UTP) 23AWG cable -LSZH Violet	UTP6305LSZH