

# CAT6 ULTRA SLIM NETWORK CABLES AWG 28 LSZH

PART NUMBER: C6S-XXYYY



## AVAILABLE COLOURS



## PRODUCT DESCRIPTION

Serveredge CAT6 ultra slim networks cables are made from high quality copper stranded together in four twisted pairs. The outer shield protecting the internals of the cable is the Low smoke zero halogen. Can be used to connect a diversity of products together in a rapidly quick network.

## CONSTRUCTION/PERFORMANCE

- Conductor - Stranded Bare Copper
- 4 Twisted Pairs - 8 conductors
- Strand size - 28 AWG
- Insulation - High-Density Polyethylene
- Insulation diameter - 0.2mm
- Cable diameter - 3.7mm
- Maximum cable Megahertz - 250MHz
- Propagation delay at 100MHZ -  $\geq 537.6$  ns/100M

## APPLICATION AND USAGE

CAT 6 ultra slim network cables are ideal for office or home use. Ultra slim and extremely supple. Even though they are ultra slim it can still support 1000 Mbps network speeds. Spice up your office with an assortment of colours from bright purple or to your typical blue. Get the length you need with a variety of lengths from a small thirty centimeters or a long five meters to meet your needs.

## ELECTRICAL PERFORMANCE AT 20°C

MAX. CONDUCTOR DC RESISTANCE ( /KM)	#26:93.8
MIN. INSULATION RESISTANCE ( /KM)	PE:100M
DIELECTRIC STRENGTH	AC-500V/1 MIN NO BREAKDOWN
D-C RESISTANCE UNBALANCE: MAX	2%
PAIR-TO-GROUND CAPACITANCE UNBALANCE: MAX.	330PF/100M
INPUT IMPEDANCE: 4-100MHz	100+/-15ohm
MEAN CHARACTERISTIC IMPEDANCE@100MHZ:	100+/-5 OHMS
NOMINAL VELOCITY OF PROPAGATION (NVP)	68+/-2%
PROPAGATION DELAY @ 100MHZ	$\geq 537.6$ ns/100M
PROPAGATION DELAY SKEW: MAX.	$\geq 45$ ns/100M
CONDUCTOR RESISTANCE $\Omega$ /km	<93.8

## GUARANTEE/WARRANTY

Serveredge products are manufactured at the highest standards using highest quality materials at an affordable price. Serveredge CAT6 ultra slim networks cable comes with a 25-year Warranty for that extra piece of mind.