



## Cat6 550MHz 23 AWG Solid UTP Cable 1000' Box - Yellow

CAT6-YL

SKU: 42089    UPC: 810070014735

### SCP Cat6 Enhanced 550 MHz 23 AWG Solid UTP Category Cable

SCPs Category 6 (Cat6) UTP (unshielded twisted pair) cables are manufactured and tested to meet TIA/EIA 568-C.2 Category 6 and ISO/IEC 11801 Ed2 Class E standards. SCP Cat6 cables provide higher performance and headroom than Cat5e and feature more stringent specifications for crosstalk and system noise.

Each Cat6 UTP cable is performance optimized with 4 balanced twisted pairs on 23 AWG insulated solid bare copper conductors. Each pair is separated by a center spline. SCP Cat6 UTP cables are constructed to create a round and flexible cable for easy pulling and stripping of the PVC jacket.

All Cat6 UTP cables are packaged in our award winning Pull Box with guaranteed tangle free pulling.

#### Features

- Category 6 Cable
- Enhanced 550 MHz
- 23 AWG Solid BC
- 4-Pair UTP
- PVC Jacket
- UL CMR / FT4
- 1000' Box

<b>Construction Characteristics:</b>	
<b>Conductor:</b>	
Material	Solid Bare Copper
Size	23AWG X 4P
Construction	1/0.57+/-0.005mm
<b>Insulation:</b>	
Material	HDPE
Min. Thickness	0.200mm
AVG. Thickness	0.220mm
Diameter	1.03+/-0.01mm
Colors	Blue- White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
<b>Jacket:</b>	
Material	PVC
Min. Thickness	0.54mm
AVG. Thickness	0.60mm
Diameter	6.20+/-0.10mm
Rip Cord	Nylon

Color	Per request
Bend Radius	Min 20D/125mm
<b>Electrical &amp; Physical Characteristics:</b>	
Operating Temperature Range	- 20°C + 75°C
Conductor Resistance	Max 72.2ohm/km at 20°C
Dielectric Strength	Min AC1.5KV
Spark Test	5.0KV
<b>Insulation:</b>	
<b>Unaged:</b>	
Tensile Strength	16.5Mpa
Elongation	500%
<b>Aged:</b>	
Tensile Strength	14.2Mpa(100°C 168h)
Elongation	250%(100°C 168h)
<b>Jacket:</b>	
<b>Unaged:</b>	
Tensile Strength	13.8Mpa
Elongation	100%
<b>Aged:</b>	
Tensile Strength	11.7Mpa(100°C 168h)
Elongation	50%(100°C 168h)
Rated Voltage	Max 300Volts
DC Resistance Unbalance	Max 5%
Pair-to-Ground Capacitance Unbalance	Max 3300pF/km
Characteristic Impedance	100+/-15OHM
Nominal Velocity of Propagation(%)	67~69
Propagation Delay	Max 536ns/100m
Delay Skew	Max 45ns/100m
<b>Packaging:</b>	
Approx Weight	14.2kgs/31.305lbs
Approx Dimension (mm)	400X290X400
Package	1000FT/Box
Packages per pallet	36