



Cat6 Solid UTP UL Listed 1000' Box - Red

CAT6-RD

SKU: 47554 UPC: 810070017965

SCPs Category 6 (Cat6) UTP (unshielded twisted pair) cables are manufactured and tested to meet ANSI/TIA 568.2-D Category 6 and ISO/IEC 11801 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. These cables are UL and CMR rated.

Shipping Weight	15.88 kg
Shipping Weight	35 lbs
Regulatory Compliance	WEEE, REACH
Cable Length	30480 cm
Cable Length	304.80 m
Cable Length	1000 ft
Color	Red
Warranty (Length/Type)	15 Years Limited
Conductor Size (AWG)	23
Jacket Type	PVC
Certifications	CE, ETL, UL
Packaged Dimension	390X280X420 mm
Construction Characteristics:	
Conductor	
Material	Stranded Bare Copper
Size	23AWG X 4P
Construction	1/0.57?0.005mm
Insulation	
Min. Thickness	0.200mm
AVG. Thickness	0.220mm
Diameter	1.01?0.01mm
Jacket	
AVG. Thickness	0.60mm
Min. Thickness	0.54mm
Diameter	6.20?0.10mm
Rip Cord	Nylon
Packages per Pallet	36/24
Electrical & Physical Characteristics:	
Rating	75?C 30V
Conductor resistance	Max 72.2ohm/km at 20?C
Spark Test	5.0KV

Dielectric Strength Min	Min AC1.5KV
AC Leakage Current Through overall Jacket	AC 1500V <=10mA
Insulation	
Unaged	
Tensile Strength	16.5 Mpa
Elongation	5
Aged	
Tensile Strength	14.2 Mpa(100°C 168h)
Elongation	250%(100°C 168h)
Jacket	
Unaged	
Tensile Strength	13.8 Mpa
Elongation	1.5
Aged	
Tensile Strength	11.7 Mpa(100°C 168h)
Elongation	80%(100°C 168h)
Cold Bend Test	-20°C 4hours No Cracking
DC Resistance Unbalance	Max 5%
Pair-to-Ground Capacitance Unbalance	Max 3300pF/km
Characteristic Impedance	1~5000MHZ 100±15OHM
Propagation Delay	500MHZ Max 536ns/100m
Delay Skew	1~500MHZ Max 45ns/100m