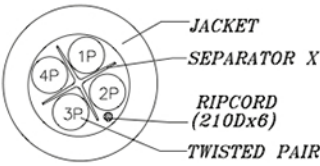


Product Specification



RED CAT 6		Cross Section	Packaging
Spec No: S-014			 Box 1000 Ft.
Date: 06/01/2016			Colors 

Description		Construction	
RED Atom Cat 6, 23awg, 4 Pair UTP, for High-speed Network and Video Applications.			
Description Rated Voltage (V) 300 Rated Temperature (°C) 75 Product Standard Certification c(ETL) CM Flame test CM & FT4		Conductor Component: 4 Twisted Pair AWG	Solid Bare Copper 8C 23
Application Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems.		Insulation Nom. Thickness (mm) Insulation Dia. (±0.05mm)	HDPE 0.52 1.0
Reference Standard: UL 444		Ripcord Jacket Nom. Thickness (mm) Outer Dia. (±0.10mm)	150D Nylon Thread PVC 0.52 6.0
Performance		Insulation/Conductor Colors Component Jacket Colors	
Electrical Characteristics (20°C) Voltage 300 Volts RMS Temperature -20°C to 75°C Dielectric Strength AC-500V/1 Minute		P1: Blue & White/Blue P2: Orange & White/Orange P3: Green & White/Green P4: Brown & White/Brown Blue - Pantone 3005U Gray - Pantone 430U White - Pantone White Yellow - Pantone Yellow U Black - Pantone Black Green - Pantone 334U	
Mechanical Characteristics Test Object Jacket Test Material PVC Before Tensile Strength (kg/mmP2) ≥13.8			
D-C Resistance Unbalance: Max. 5%			
Conductor Resistance @ 20°C: Max. 100ohms/KM;			
Characteristic Impedance (1-100MHz): 100 +/- 15ohms;			
Propagation Delay Skew: Max. 45ns/100m;			
Sequential footmarks applied every four feet in conjunction with the print legend. "XXX/XXX" Stands for Length. eg: 000/1000; 004/0996; 008/0992...		Compliance	
			
			

Jacket Marking (Black)

RED ATOM CATEGORY 6 ETL LISTED 5002121 (ETL) C(ETL) CM FT4 75C 23AWG 4PR UTP APP: DATA PHONE ROOM: ENT KIT NK FAM LR DR POWD OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 BR5 GAR GYM OTHER WALL: N S E W JACK: 1 2 3 4 5 6 USE: KPAD TPAD LAN TEL "ROHS" XXXX / XXXX FT
