

Office Environments

Industrial Ethernet Cable: Cat 6 23-4 Pair Solid Shielded CMP Blue



L1-6-SOL-SHLD-P-06

CAT6 (250MHz), 4-Pair, F/UTP-Foil Shielded, Plenum-CMP, premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, FEP Insulation, Polyester Separator, Overall Shield, Blue Plenum Jacket.

Physical Characteristics (Overall)	
Conductor	
# Pairs	4
AWG	23
Stranding	Solid
Material	BC - Bare Copper
Total # of Conductors	8
Insulation	
Material	FEP - Fluorinated Ethylene Propylene
Outer Shield	
Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWG	24
Stranding	Solid
Conductor Material	TC - Tinned copper

Outer Jacket	
Material	LS PVC - Low Smoke Polyvinyl Chloride
Nominal Diameter	.285 in.
Outer Jacket Ripcord	Yes
Overall Cable	
Overall Cabling Fillers	Central Cross Web
Overall Cabling Separator Material	Polyester
Pair Color Code Chart	
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown
Mechanical Characteristics (Overall)	
Installation Temperature Range	+5°C To +50°C
Operating Temperature Range	-20°C To +75°C
Max. Recommended Pulling Tension	25 lbs.
Applicable Specifications and Agency Compliance (Overall)	
Applicable Standards & Environmental Programs	
NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark	Yes
EU Directive 2011/65/EU (ROHS II)	Yes
EU Directive 2000/53/EC (ELV)	Yes
EU Directive 2002/95/EC (RoHS)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	05/24/2007
EU Directive 2002/96/EC (WEEE)	Yes
EU Directive 2003/11/EC (BFR)	Yes
CA Prop 65 (CJ for Wire & Cable)	Yes
MII Order #39 (China RoHS)	Yes

Applicable Standards & Environmental Programs (cont.)	
Telecommunication Standards	Category 6 - TIA 568.C.2
Other Specification	UL Verified to Category 6
Flame Test	
UL Flame Test	NFPA 262 Plenum Flame Test (UL910)(FT6)
C(UL) Flame Test	FT6
CSA Flame Test	FT6
Suitability	
Suitability - Indoor	Yes
Suitability - Outdoor	No
Sunlight Resistance	No
Oil Resistance	No
Plenum/Non-Plenum	
Plenum (Y/N)	Yes