

Anixter Level 1 for Industrial Network Environments

Industrial Ethernet Cable: Cat 5e 24-4 Pair Solid Shielded Blue



L1-5E-SOL-SHLD-06	CAT5e (100MHz), 4-Pair, F/UTP-Foil shielded, Riser-CMR, Premise Horizontal Cable, 24 AWG solid bare copper conductors, polyolefin insulation, overall shield, Blue PVC jacket, RJ-45 compatible
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Physical Characteristics (Overall)	
Conductor	
# Pairs	4
AWG	24
Stranding	Solid
Material	BC - Bare Copper
Total # of Conductors	8
Insulation	
Material	PO - Polyolefin
Outer Shield	
Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWG	24
Stranding	7x32
Conductor Material	TC – Tinned Copper

Outer Jacket	
Material	PVC - Polyvinyl Chloride
Nominal Diameter	.260 in.
Pair Color Code Chart	
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe and Green
4	White/Brown Stripe and Brown
Mechanical Characteristics (Overall)	
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	CMR, UL444
CEC/C(UL) Specification	CMR
Other Standards	11801 Category 5
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)	1/1/2004
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
Telecommunication Standards	568-B.2 Category 5e
Other Specification	NEMA WC-63.1 Category 5e, UL Verified to Category 5e
Flame Test	
UL Flame Test	UL1666 Vertical Riser
CSA Flame Test	FT4

Suitability	
Suitability - Indoor	Yes
Suitability - Outdoor	No
Sunlight Resistance	No
Oil Resistance	No
Plenum/Non-Plenum	
Plenum (Y/N)	No

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