

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



<b>L1-5E-SOL-SHLD-06</b>	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)	
<b>Conductor</b>	
<b># Pairs</b>	4
<b>AWG</b>	24
<b>Stranding</b>	Solid
<b>Material</b>	BC - Bare Copper
<b>Total # of Conductors</b>	8
<b>Insulation</b>	
<b>Material</b>	PO - Polyolefin
<b>Outer Shield</b>	
<b>Type</b>	Tape
<b>Outer Shield Material</b>	Aluminum Foil-Polyester Tape
<b>Coverage</b>	100%
<b>Outer Shield Drain Wire</b>	
<b>AWG</b>	24
<b>Stranding</b>	7x32
<b>Conductor Material</b>	TC – Tinned Copper

<b>Outer Jacket</b>	
<b>Material</b>	PVC - Polyvinyl Chloride
<b>Nominal Diameter</b>	.260 in.
<b>Pair Color Code Chart</b>	
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe and Green
4	White/Brown Stripe and Brown
<b>Mechanical Characteristics (Overall)</b>	
<b>Operating Temperature Range</b>	-20°C To +75°C
<b>Max. Recommended Pulling Tension</b>	25 lbs.
<b>Applicable Specifications and Agency Compliance (Overall)</b>	
<b>Applicable Standards &amp; Environmental Programs</b>	
<b>NEC/(UL) Specification</b>	CMR, UL444
<b>CEC/C(UL) Specification</b>	CMR
<b>Other Standards</b>	11801 Category 5
<b>EU CE Mark</b>	Yes
<b>EU Directive 2011/65/EU (ROHS II)</b>	Yes
<b>EU Directive 2000/53/EC (ELV)</b>	Yes
<b>EU Directive 2002/95/EC (RoHS)</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy)</b>	1/1/2004
<b>EU Directive 2002/96/EC (WEEE)</b>	Yes
<b>EU Directive 2003/11/EC (BFR)</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable)</b>	Yes
<b>MII Order #39 (China RoHS)</b>	Yes
<b>Telecommunication Standards</b>	568-B.2 Category 5e
<b>Other Specification</b>	NEMA WC-63.1 Category 5e, UL Verified to Category 5e
<b>Flame Test</b>	
<b>UL Flame Test</b>	UL1666 Vertical Riser
<b>CSA Flame Test</b>	FT4

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