

## Harsh Industrial Environments Industrial Ethernet Cable: Cat 5e 24-4 Pair Solid UTP



<b>L3-5E-SOL-UTP-02</b>	4 PR 24 AWG solid bare copper conductors, polyolefin insulation, rip cord, PVC inner jacket, 0.035" wall industrial grade sunlight- and oil-resistant PVC outer jacket. EtherNet/IP™
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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>Diameter</b>	.02 in.
<b>Total # of Conductors</b>	8
<b>Insulation</b>	
<b>Material</b>	PO - Polyolefin
<b>Wall Thickness</b>	.009 in.
<b>Diameter</b>	.035 in.
<b>Stranding</b>	7x32
<b>Conductor Material</b>	TC – Tinned Copper
<b>Inner Jacket</b>	
<b>Material</b>	PVC - Polyvinyl Chloride
<b>Nominal Diameter</b>	.2 in.

<b>Outer Jacket</b>	
<b>Material</b>	Industrial Grade PVC - Polyvinyl Chloride
<b>Nominal Wall Thickness</b>	.035 in.
<b>Outer Jacket Ripcord</b>	Yes
<b>Overall Cable</b>	
<b>Overall Nominal Diameter</b>	.285 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>Installation Temperature Range</b>	-25°C To +75°C
<b>Operating Temperature Range</b>	-40°C To +75°C
<b>Max. Recommended Pulling Tension</b>	40 lbs.
<b>Applicable Specifications and Agency Compliance (Overall)</b>	
<b>Applicable Standards &amp; Environmental Programs</b>	
<b>CEC/(UL) Specification</b>	CMR
<b>NEC/(UL) Specification</b>	CMR, CMX-Outdoor
<b>EU Directive 2011/65/EU (ROHS II)</b>	Yes
<b>Other Standards</b>	ISO/IEC 11801 ed 2.1 (2008) Class D
<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>	01/01/2004
<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>	Category 5e - TIA 568.C.2

<b>Applicable Standards &amp; Environmental Programs (Cont.)</b>	
<b>Other Specification</b>	NEMA WC-63.1 Category 5e, Ethernet/IP™ compliant, UL verified to Category 5e
<b>Flame Test</b>	
<b>UL Flame Test</b>	UL1666 Vertical Riser
<b>CSA Flame Test</b>	FT4
<b>Suitability</b>	
<b>Suitability - Indoor</b>	Yes
<b>Suitability - Outdoor</b>	Yes
<b>Sunlight Resistance</b>	Yes
<b>Oil Resistance</b>	Yes
<b>Plenum/Non-Plenum</b>	
<b>Plenum (Y/N)</b>	No