

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



L3-5E-SOL-SHLD-02	4 PR 24 AWG solid bare copper conductors, polyolefin insulation, overall shield (100% coverage), drain wire, industrial grade-sunlight and oil-resistant PVC inner jacket, 0.035" wall industrial grade sunlight- and oil-resistant PVC outer jacket.
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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
Wall Thickness	0.010 in.
Diameter	0.044 in.
Outer Shield	
Type	Tape
Material	Aluminum Foil-Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWG	24
Stranding	7x32

Outer Shield Drain Wire (Cont.)	
Drain Wire Conductor Material	TC – Tinned Copper
Inner Jacket	
Material	Industrial Grade PVC - Polyvinyl Chloride
Nominal Wall Thickness	.030 in.
Outer Jacket	
Material	Industrial Grade PVC - Polyvinyl Chloride
Nominal Wall Thickness	.035 in.
Outer Jacket Rip Cord	No
Overall Cable	
Overall Nominal Diameter	.335 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)	
Installation Temperature Range	-25°C To +75°C
Operating Temperature Range	-40°C To +75°C
Max. Recommended Pulling Tension	40 lbs.
Applicable Specifications and Agency Compliance (Overall)	
Applicable Standards & Environmental Programs	
NEC/(UL) Specification	CMR, CMX-Outdoor UL444
CEC/C(UL) Specification	CMR
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

Applicable Standards & Environmental Programs (Cont.)	
MII Order #39 (China RoHS)	Yes
Telecommunication Standards	Category 5e - TIA 568.C.2
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
IEEE Flame Test	1202
Suitability	
Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Sunlight Resistance	Yes
Oil Resistance	Yes
Plenum/Non-Plenum	
Plenum (Y/N)	No