

# Anixter Level 2 for Industrial Network Environments

## Industrial Ethernet Cable: Cat 5e 24-4 Pair Stranded Shielded



<b>L2-5E-STR-SHLD-02</b>	4 PR 24 AWG stranded (7x32) bare copper conductors, polyolefin insulation, polyester separator, foil- shield (100% coverage), drain wire, industrial grade sunlight- and oil-resistant PVC jacket.
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Physical Characteristics (Overall)	
Conductor	
# Pairs	4
AWG	24
Stranding	7x32
Material	BC - Bare Copper
Insulation	
Material	PO - Polyolefin
Wall Thickness	0.01 in.
Diameter	0.04 in.
Outer Shield	
Type	Tape
Material	Aluminum Foil-Polyester Tape
Coverage	100%
Drain Wire AWG	24
Drain Wire Stranding	7x32
Drain Wire Conductor Material	TC - Tinned Copper

Outer Jacket	
Material	Industrial Grade PVC - Polyvinyl Chloride
Nom. Wall Thick.	0.030 in.
Overall Cable	
Overall Nominal Diameter	0.315 in.
Overall Cabling Separator Material	Polyester
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
Bulk Cable Weight:	35 lbs/1000 ft.
Max. Recommended Pulling Tension:	40 lbs.
Min. Bend Radius/Minor Axis:	0.600 in.
Applicable Specifications and Agency Compliance (Overall)	
Applicable Standards & Environmental Programs	
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):	8/23/2007
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
Other Specification:	NEMA WC-63.1 Category 5e Patch, ICEA 661 Category 5 Patch, UL verified to Category 5e

Flame Test	
UL Flame Test:	UL1666 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

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