

Anixter Level 2 for Industrial Network Environments

Industrial Ethernet Cable: Cat 6 23-4 Pair Solid Shielded



L2-6-SOL-SHLD-02	4 Pair 23 AWG solid bare copper conductors, polypropylene insulation, FRPE spline center member, inner PVC jacket, overall Shield (100% coverage), industrial grade sunlight and oil resistant.
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Physical Characteristics (Overall)	
Conductor	
# Pairs	4
AWG	23
Stranding	Solid
Material	BC - Bare Copper
Total # of Conductors	8
Ground Wire	N
Insulation	
Material	PP - Polypropylene
Wall Thickness	.01 in.
Diameter	0.04 in.
Inner Jacket	
Material	PVC
Nominal Wall Thickness	0.02 in.
Diameter	0.27 in.
Inner Jacket Ripcord:	Yes

Outer Shield	
Type	Tape
Outer Shield Material	Aluminum Foil - Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWG	23
Stranding	7x32
Drain Wire Conductor Material	TC - Tinned Copper
Outer Jacket	
Material	Industrial Grade PVC - Polyvinyl Chloride
Nominal Wall Thickness	0.030 in.
Nominal Diameter	0.33 in.
Outer Jacket Ripcord	No
Overall Cable	
Overall Cabling Material	X-Spline Center Member
Overall Nominal Diameter	0.33 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
UL Temperature Rating	75°C
Bulk Cable Weight	144 lbs.
Max. Recommended Pulling Tension	40 lbs.
Min. Bend Radius/Minor Axis	4 in.
Applicable Specifications and Agency Compliance (Overall)	
Applicable Standards & Environmental Programs	
CEC/C(UL) Specification	CMR

NEC/(UL) Specification	CMR, CMX-Outdoor
AWM Specification	UL Style 21407
EU CE Mark	Yes
Other Standards	ISO/IEC 11801 ed 2.1 (2008) Class E
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)	10/9/2009
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	Category 6 - TIA 568.C.2
Other Specification	UL Verified to Category 6
Flame Test	
UL Flame Test	UL1666 Vertical Riser
C(UL) Flame Test	FT4
IEEE Flame Test	1202
Suitability	
Suitability - Outdoor	Yes
Suitability - Aerial	Yes
Suitability - Burial	No
Sunlight Resistance	Yes
Oil Resistance	Yes
Plenum/Non-Plenum	
Plenum (Y/N)	No

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