

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



L3-6-SOL-SHLD-02	4 PR 23 AWG solid bare copper conductors, polyolefin insulation, tape separator, ripcord, PVC inner jacket, overall shield (100%), industrial grade sunlight- and oil-resistant PVC middle jacket, 0.035" wall industrial grade sunlight- and oil-resistant PVC outer jacket. Gigabit Ethernet.
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Physical Characteristics (Overall)	
Conductor	
# Pairs	4
AWG	23
Stranding	Solid
Material	BC - Bare Copper
Ground Wire	No
Total # of Conductors	8
Insulation	
Material	PP - Polypropylene
Wall Thickness	.01 in.
Diameter	.042 in.
Inner Jacket	
Material	PVC - Polyvinyl Chloride
Nominal Wall Thickness	.02 in.
Nominal Diameter	.27 in.
Inner Jacket Ripcord	Yes

Middle Jacket	
Nominal Wall Thickness	.035 in.
Outer Shield	
Type	Tape
Material	Aluminum Foil - Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWG	24
Stranding	7x32
Conductor Material	TC – Tinned Copper
Outer Jacket	
Material	Industrial Grade PVC - Polyvinyl Chloride
Nominal Wall Thickness	.035 in.
Diameter	.335 in.
Outer Jacket Ripcord	No
Overall Cable	
Overall Nominal Diameter	.405 in.
Overall Cabling Fillers	X-Spline Center Member
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	
CEC/C(UL) Specification	CMR
NEC/(UL) Specification	CMR, CMX-Outdoor
AWM Specification	UL Style 21047
EU Directive 2011/65/EU (ROHS II)	Yes
Other Standards	ISO/IEC 11801 ed 2.1 (2008) Class E
EU CE Mark	Yes
EU Directive 2000/53/EC (ELV)	Yes
EU Directive 2002/95/EC (RoHS)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	10/09/2009
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
CSA Flame Test	FT4
IEEE Flame test	1202
Suitability	
Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Suitability – Aerial	Yes
Suitability – Burial	No
Sunlight Resistance	Yes
Oil Resistance	Yes
Plenum/Non-Plenum	
Plenum (Y/N)	No