

Industrial Ethernet Cord Sets

RJ45 to M12 Panel-Mount Receptacle, 24 AWG, TPE, Blue Jacket



Cable Description

Industrial Ethernet CAT 5E, TPE unshielded, 2-pair, 24 AWG cable, bonded-pairs, stranded (7x32) tinned copper conductors, polyolefin insulation, and industrial grade sunlight-and-oil-resistant, blue jacket.

Physical Characteristics

Number of Pairs	2
Conductors	4
Gauge	24 AWG
Stranding	Stranded (7x32)
Diameter	.022"
Material	TC - Tinned Copper
Color Codes	1 = White/Orange Stripe & Orange 2 = White/Green Stripe & Green

Outer Shield

Material	Unshielded
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Outer Jacket

Material	TPE
Jacket Color	Blue
Overall Diameter	0.275"

Mechanical Characteristics

Operating Temperature Range	-40°C to +75°C
Storage Temperature Range	-25°C to +75°C
Installation Temperature Range	-25°C to +75°C
Max. Pulling Tension	40 lbs.
Min. Bend Radius	0.250"

Application Standards

NEC(UL)	TBD
CEC(UL)	TBD
IEC	11801 Category 5e Patch
EU RoHS Compliant	Yes
TIA/EIA	568-B.2 Category 5e Patch

Connector Specifications

Pins	4
M12 Housing	Brass, Nickel Plated
M12 Insert	PUR, Black
M12 Contacts	Brass, Gold Plated
RJ45 Plug	Polycarbonate
RJ45 Contacts	Phosphor Bronze, Gold Plated
RJ45 Boot	Elastomer Polyolefin
Temperature Range	-20°C to +60°C
IP Rating	IP 68 / MEMA 6P
Current Rating	1.5 A
Voltage Rating	60 V
Performance	CAT5e

Description	Order NO.
J224TPESTPU00.3M	900 002-229
J224TPESTPU00.5M	900 002-230
J224TPESTPU01.0M	900 002-231
J224TPESTPU02.0M	900 002-232
J224TPESTPU03.0M	900 002-233
J224TPESTPU04.0M	900 002-487
J224TPESTPU05.0M	900 002-488
J224TPESTPU06.0M	900 002-489
J224TPESTPU07.0M	900 002-490
J224TPESTPU10.0M	900 002-491

Ground Isolation - Panel Installation

