INDUSTRIALNET™ TX5e™ Patch Cords

specifications

Industrial Ethernet patch cords shall be constructed of Category 5e, industrial grade, solid, twisted pair cable for UTP and STP installations. Each patch cord shall be pre-terminated to include Category 5e industrial plugs on each end which are wired according to the T568B standard. Tethered caps shall be available to protect connectivity in un-mated conditions. An IP67 rating shall be achieved when mated with an IP67 bayonet style industrial connector.

technical information

Performance:	Exceeds TIA/EIA-568-B.2 Category 5e standard
	Meets ODVA Ethernet/IP cable requirements
	Meets IP67 (IEC 60529) when mated to IP67 bayonet style bulkhead jack(s)
Component compliance:	UL, cUL (UL 1863), CMR
FCC compliance:	Meets FCC part 68 Subpart F; contact plated with 50 microinches of gold
IEC compliance:	Meets IEC 60603-7
Materials:	Constructed of 24 AWG UTP solid industrial grade cable, Industrial *TX5e*™ plugs and IP67 fittings
Temperature rating:	0 - 60°C operating temperature
Cable color:	Black

key features and benefits

Durability	Allows for 100-meter patch runs between automation devices and controls in extremely harsh conditions or environments – common in the automotive, food and beverage, petro-chemical, mining and building automation markets
IP rated	When patch cord plug fittings are mated to IP67 INDUSTRIALNET™ *TX5e*™ Connectors, the patch cords meet IP67 protection
	Withstands harsh environments without loss of performance in washdown and temporary submerged conditions
Bayonet-style termination	Provides quick installation for lowest installed cost
	Mated bayonet tactile lock ensures positive mating between the plug and connector
100% performance tested	Confidence that each patch cord delivers Category 5e performance at the component level

applications

The INDUSTRIALNET™ TX5e™ Patch Cords provide reliability and high performance, as an integral component to the end-to-end solution, for Industrial Network applications. In the mated conditions, these patch cords can withstand high temperature and high vibration, commonly found in metal forming or automotive manufacturing. The IP67 rating is imperative in the food and beverage industries where wash down is common. Pre-integrated tethered caps allow for the plugs to be protected in their unmated condition, such as during shipping, storage, installation or maintenance.

INDUSTRIALNET™ TX5e™ Patch Cords

UTP with caps:	IUTPCH3BL*
UTP without caps:	IUTPCHNC3BL*
STP with caps:	ISTPCH1MBL**
STP without caps:	ISTPCHNC1MBL**

INDUSTRIALNET™ TX5e™ Connectors

UTP:	IAEBH5E
Shielded:	IAEBH5ES

INDUSTRIALNET™ TX5e™ Coupler

UTP:	IAEBHC5E

INDUSTRIALNET™ Enclosures and Accessories

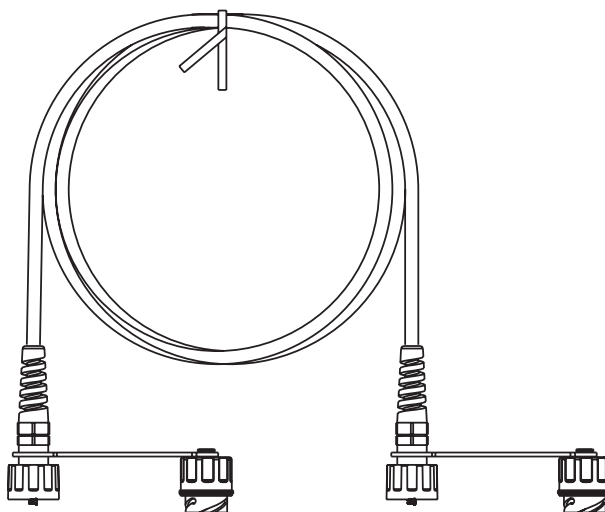|	
Enclosure:	IAEIP66
Populated gland plate:	IAECGP
Blank gland plate:	IAEBGP
Fan kit:	IAEFK54
15" TX5e™ patch cord:	IUTPCHBH1.25BL

INDUSTRIALNET™ Stainless Steel Faceplates

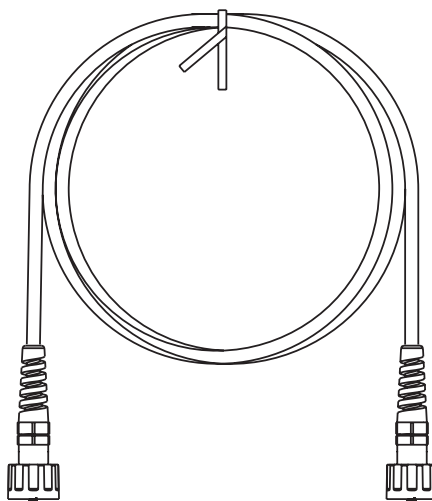|	
Single gang:	IAEFP1
Double gang:	IAEFP2-2G

*For lengths 5, 7, 10, 15, or 20 feet, change the length designation in the part number to the desired length. For example, the part number for a 7 foot patch cord is IUTPCH7BL.

**For lengths 2, 3 or 5 meters, change the length designation in the part number to the desired length. For example, the part number for a 5 meter patch cord is ISTPCH5MBL.

Patch Cord With Caps

Patch Cord Without Caps

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference COSP122

©2007 PANDUIT Corp.
ALL RIGHTS RESERVED.
Printed in the U.S.A.
WW-COSP122
6/2007