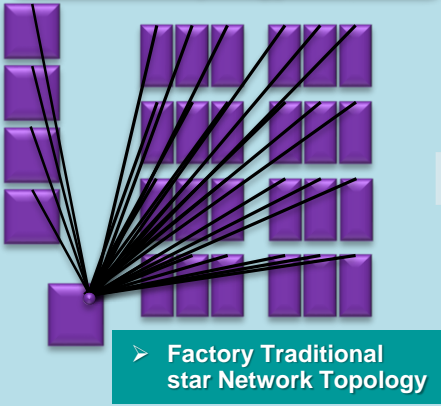


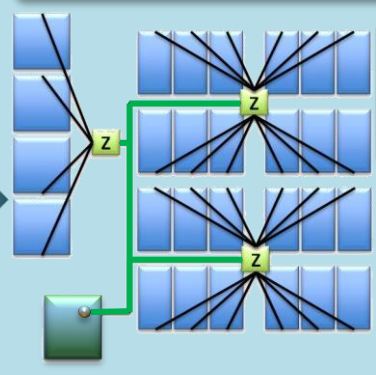
IndustrialNet™ Cabling Solution

Industrial automation recommended "Zoned Network Topology"

Traditional Network Topology

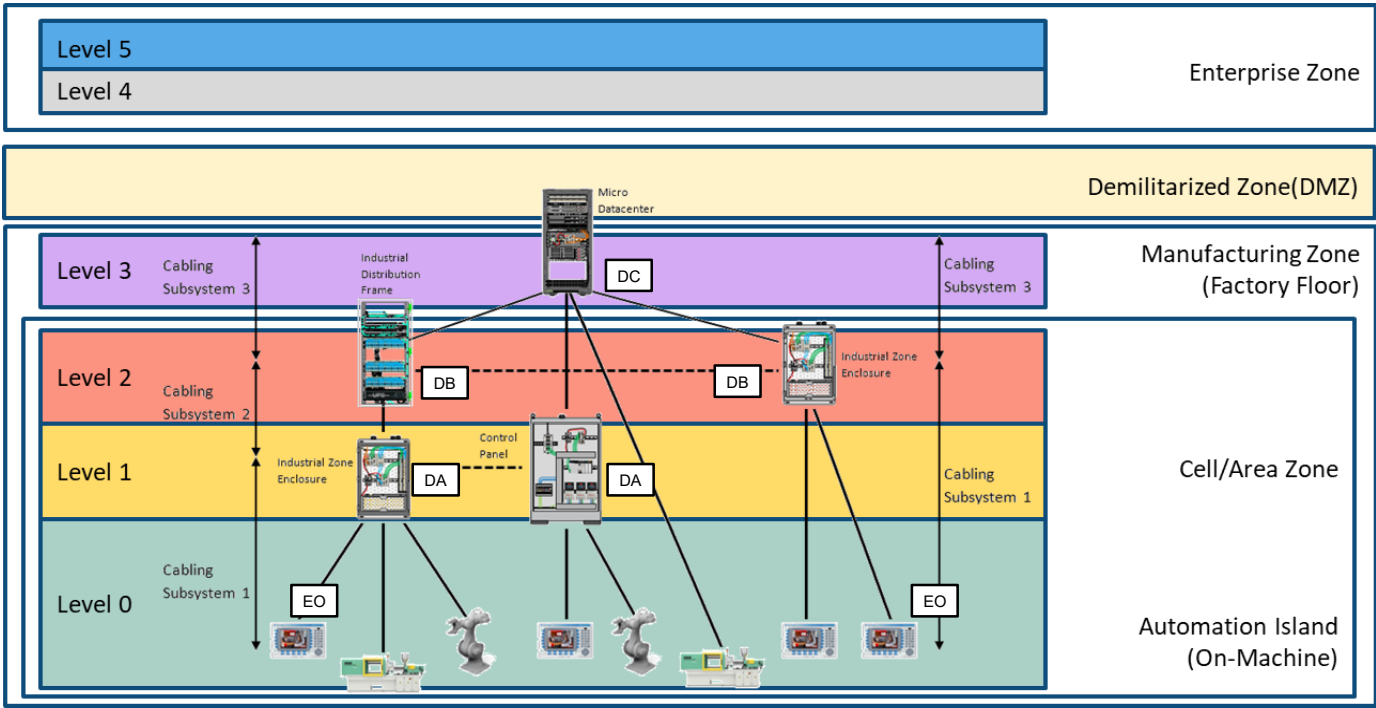


Zoned Network Topology

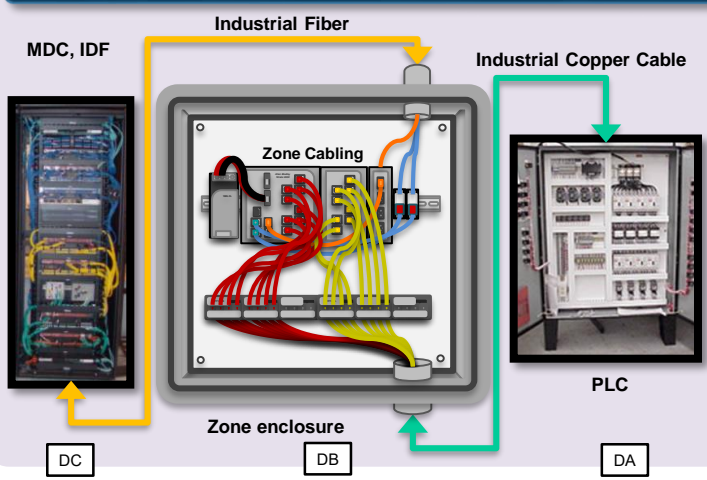


"Zone", set up the modular manufacturing area will cost and the time required for building network, deep cuts.

- Reduces cabling installation.
- Localizes network traffic.
- Improves capability for network redundancy.
- Reduces cost of future expansion.



Network service system with "Zoned Network Topology"



Zoned Network Topology

- Harsh environment
 - UL Type4/12/4X, IP65/66/67
- Excellent cabling management
 - Copper cable and Fiber management
- Flexible patch cord layout
 - High flexible of increase and modification

Base on ISO 11801: DA (Distributor A), DB (Distributor B), DC (Distributor C), EO (Equipment outlet).

IndustrialNet™ Cabling Solution

Industrial automation recommended "Zoned Network Topology"

TIA-1005-A M.I.C.E Rated Product Selection Guide

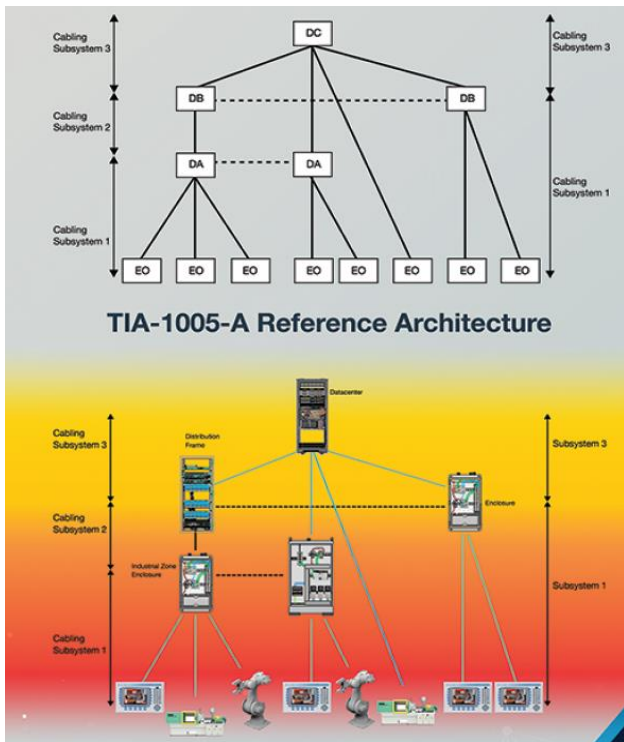
When designing the physical infrastructure to support network communications in a manufacturing location, TIA-1005-A is a standard that must be considered.

According to the TIA-1005-A standard, there are three basic types of industrial areas:

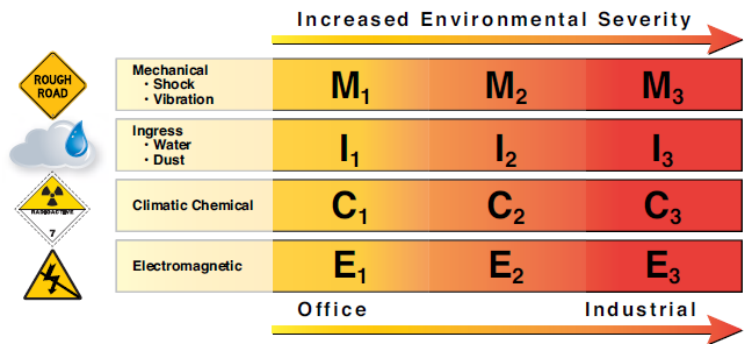
- Factory Floor area
- Work Area
- Automation Island

Designing for the manufacturing environment requires an intimate knowledge of these areas to ensure the infrastructure supports the different environments found on the plant floor. Considerations such as shock and vibration, handling of water or dust, temperature, washdown areas, exposure to acids or oil mixtures and electromagnetic noise must be taken into account when selecting solutions to support these harsh environments.

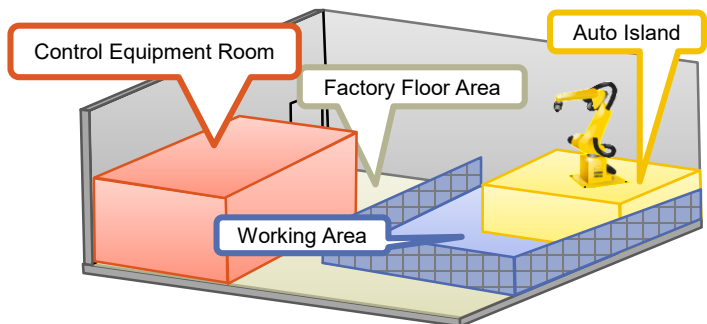
Environmental classifications and ratings based on Mechanical, Ingress, Climatic/Chemical, Electro Magnetic (M.I.C.E) attributes provide a method of categorizing the environmental classes required for each of the industrial areas and are rated as 1 = low, 2 = medium, and 3 = high.



TIA-1005-A Reference Architecture

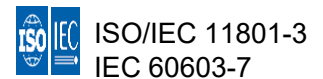


Environmental M.I.C.E Analysis per TIA-1005-A Standard



M.I.C.E. - **M**echanical **I**ngress **C**limatic **C**hemical, **E**lectro Magnetic

- Cabling and connectivity attributes and performance can be defined for industrial areas based on the environments and conditions defined by the M.I.C.E severity levels.



Whether you are designing for the factory floor, work area or automation island, Panduit offers solutions that meet the TIA-1005-A M.I.C.E guidelines. We have the detailed with M.I.C.E information about each of Panduit's network products typically considered in industrial environments.

Visit the online catalog at panduit.com.

High Reliability Industrial Network Cabinet

- According to the standard situation to provide a variety of products for customers to choose
- Various sizes are available for different application environments 600V pressure resistance is optional
- A variety of protection levels IP20, IP54, IP65, IP66Color optional, accept custom color
- Accept customer customization

■ Micro Data Center (MDC), DC Level

P/N	Description	M.I.C.E
MDC82**	42U Rack Units Protection: NEMA (UL Type) 12, IP55 (IP54 with AC unit) Dimensions: W711 x H2085 x D1200 mm Allow for installation of standard 29-inch (737mm) depth equipment. Compliance: EIA RS-310-D, UL 508A	1.2.C.-
MDC79*	48U Rack Units Dimensions: W700 x H2026 x D1200 mm Allow for installation of standard 29-inch (737mm) depth equipment. Compliance: EIA-310-E, TIA/EIA-942, UL2416	1.1.C.2
MDC48D	24U Rack Units Dimensions: W606 x H1230 x D1066 mm Allow for installation of standard 29-inch (737mm) depth equipment. Compliance: EIA-310-E, TIA/EIA-942, UL2416	1.1.C.2



MDC82



MDC79

MDC48

■ Industrial Distribution Frames (IDF), DB Level

P/N	Description	M.I.C.E
ZDF48**	42U Rack Units Protection: NEMA (UL Type) 12, IP55 (IP54 with AC unit) Dimensions: W711 x H2085 x D1200 mm Allow for installation of standard 29-inch (737mm) depth equipment. Compliance: EIA RS-310-D, UL 508A	1.2.C.-
ZDF24**	48U Rack Units Dimensions: W700 x H2026 x D1200 mm Allow for installation of standard 29-inch (737mm) depth equipment. Compliance: EIA-310-E, TIA/EIA-942, UL2416	1.2.C.-



ZDF48



ZDF24

■ Network Zone Systems (NZS), DA Level

P/N	Description	M.I.C.E
ZC34C*	Dimensions: W300 x H400 x D250 mm Protection: NEMA (UL Type) 12, IP65 DIN Rail (250mm) x 1	1.2.1.2
ZC66C*	Dimensions: W600 x H600 x D300 mm Protection: NEMA (UL Type) 12, IP65 DIN Rail (480mm) x 2 6Port grounding copper strip ZC66C*S with 1 top panel, 2 side panels	1.2.1.1
ZC69C*	Dimensions: W600 x H900 x D300 mm Protection: NEMA (UL Type) 12, IP65 DIN rail (480mm) x 3 6Port grounding copper strip ZC69C*S with 1 top panel, 2 side panels	1.2.1.1



ZC34CG



ZC34CG application sample



ZC66CG*



ZC69CG*

■ UPS

P/N	Description	M.I.C.E
UPS00100DC	Maintenance-free, No battery, 100 Watts, 24V DC Uninterruptible Power Supply (UPS), Operating temp: -40-60°C, DIN installation, remote control.	-
UPS003LSM	UPS Load Sense Module	-



ZC66CG*



UPS003LSM

LEGEND:
 ● = Acceptable for use in Environment; x = Not Acceptable for use in Environment; — = Not Applicable; c = Contact Tech Support

High reliability, high flex industrial cable

- CAT5e, CAT6, CAT6A
- 600V Rated
- UV, Oil Resistant
- Flammability CM/CMX/CMR(UL1685)
- Double shield SF/UTP, S/FTP, TPE/PUR Jacket
- POE Support(IEEE802.3af & IEEE802.3at)

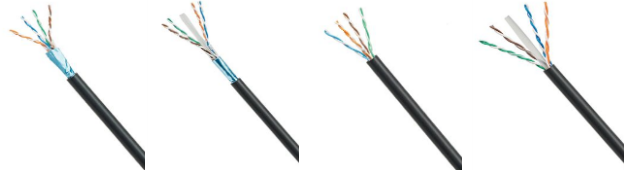


ISFCH5C02ATL ISFCH5C04ATL ISX6004AYL ISFCH6X04ATL

P/N	CAT	Shield Type	AWG	Pair	OD	Flammability	EU CPR	Jacket Material	UV, Oil RES	Max Transmit(Meter)	Color	M.I. C.E.
ISFCH5C02A**	Cat5e	SF/UTP	24/7	2	6.1	CMX/CM	Fca	600V rated (TPE)	Y	80	BL, RD, GY, YL, BU, TL	2.-.2.2
ISFCH5C04A**	Cat5e	SF/UTP	24/7	4	7.2	CMX/CM	Fca	600V rated (TPE)	Y	80	BL, RD, GY, YL, BU, TL	2.-.2.2
ISFX5502A**	Cat5e	SF/UTP	24/7	2	6.4	LSZH	Eca	PUR	Y	80	RD, TL	2.-.2.2
ISX6004A**	Cat6	S/FTP	24/7	4	8	LSZH	Eca	PUR	Y	80	BL, RD, GY, YL, BU, TL	2.-.2.2
ISX6X04A*	Cat6A	S/FTP	24/7	4	8	LSZH	Eca	PUR	Y	80	BL, RD, GY, YL, BU, TL	2.-.2.2
ISFCH6X04A**	Cat6A	SF/UTP	24/7	4	8.14	CMX/CM	Fca	600V rated (TPE)	Y	80	BL, TL	2.-.2.2
ISFCH6X04B**	Cat6A	SF/UTP	26/7	4	7.37	CMX/CM	Fca	600V rated (TPE)	Y	80	BL, TL	2.-.2.2

High reliability, flex industrial cable

- CAT5e, CAT6
- UV, Oil Resistant
- Flammability, CM
- F/UTP shield, PVC Jacket
- POE Support(IEEE802.3af & IEEE802.3at)

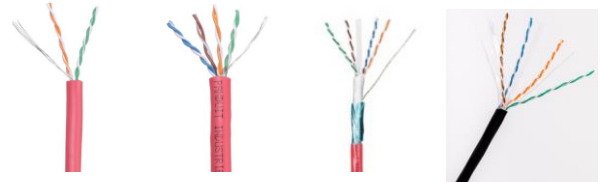


IFC5C04BBL IFC6C04BBL IUC5C04ABL IUC6C04ABL

P/N	CAT	Shield Type	AWG	Pair	OD	Flammability	EU CPR	Jacket Material	UV, Oil RES	Max Transmit(Meter)	Color	M.I. C.E.
IFC5C04BBL	Cat5e	F/UTP	26/7	4	6.3	CM	Fca	Industrial PVC	Y	60	BL	2.-.2.2
IFC6C04BBL	Cat6	F/UTP	26/7	4	6.9	CM	Fca	Industrial PVC	Y	60	BL	2.-.2.2
IUC5C04ABL	Cat5e	UTP	24/7	4	6.3	CM	Fca	Industrial PVC	Y	80	BL	2.-.2.2
IUC6C04ABL	Cat6	UTP	24/7	4	6.8	CM	Fca	Industrial PVC	Y	80	BL	2.-.2.2

High reliability industrial cable

- CAT5e, CAT6
- UV, Oil Resistant
- Flammability CM
- F/UTP shield, PVC Jacket
- POE Support(IEEE802.3af & IEEE802.3at)



IFRH5C02RD IFRH5C04RD IFRH6C04RD IFV6C04BL

P/N	CAT	Shield Type	AWG	Pair	OD	Flammability	EU CPR	Jacket Material	UV, Oil RES	Max Transmit(Meter)	Color	M.I. C.E.
IFRH5C04**	Cat5e	F/UTP	24	4	6.2	CMR	Fca	Industrial PVC 600V rated	Y	100	BL, RD	2.-.2.2
IFRH5C04**	Cat5e	F/UTP	24	2	7.2	CMR	Fca	Industrial PVC 600V rated	Y	100	BL, RD	2.-.2.2
IFRH6C04**	Cat6	F/UTP	23	4	8.4	CMR	Fca	Industrial PVC 600V rated	Y	100	BL, RD	2.-.2.2
IFV6C04**	Cat6	F/UTP	24	4	7.1	VW-1		Industrial PVC	Y	100	BL	2.-.2.2
IFL6C04**	Cat6	F/UTP	24	4	7.1	LSZH		Industrial PVC	Y	100	BL	2.-.2.2

PROFINET Cable

- PROFINET TYPE A, TYPE B/C
- 600V Rated
- UV, Oil Resistant
- Flammability CM, EU CPR Eca
- SF/UTP, TPE Jacket



ESFLHT5C02GRX

P/N	CAT	Shield Type	AWG	Pair	OD	Flammability	EU CPR	Jacket Material	UV, Oil RES	Max Transmit(Meter)	Color	M.I. C.E.
ESFLHT5C02GRX	Cat5e	SF/UTP	22	2	7.4	CM/CMX	Eca	600V PLTC (TPE)	Y	100	GR	2.-.2.2
ESFLHT5C02FGRX	Cat5e	SF/UTP	22/19	2	7.9	CMX/CM	Eca	600V PLTC (TPE)	Y	100	GR	2.-.2.2

Industrial RJ45 Patch Cord

- UV, Oil Resistant
- 600V Rated
- Flammability CM/CMR
- IP20
- STP, UTP optional, TPE Jacket
- High flex, flex Res 10M times



ISTPHCH1MTL



ICD44T1NTL1M

ETHERNET	P/N	CAT	Shield	Connector	IP rate	AWG	Pair	OD	Flammability	Jacket material	UV, Oil RES	Length	Color	UOM
		ISTPHCH**MTL	Cat5E	SF/UTP	RJ45-RJ45	IP20	24	4	7.2	CM	600V TPE	Y	0.3,0.6, 2,3,5,10,15,20	TL

PROFINET	P/N	CAT	Shield	Connector	IP rate	AWG	Pair	OD	Flammability	Jacket material	UV, Oil RES	Length	Color	UOM
		IPR54T1GR**M	Cat5E	SF/UTP	RJ45-RJ45	IP20	24	4	7.2	CM	600V TPE	Y	1, 2,3,5,10,15,20	GR

M12 Industrial Cordset D-code

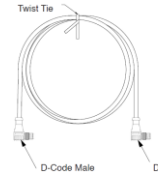
- UV, Oil Resistant
- 600V Rated
- Flammability CM/CMR
- IP67/IP68
- STP/UTP option, TPE jacket
- High flex, flex Res 10M times



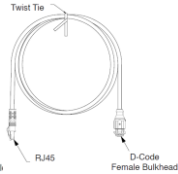
ICD11T1NTL



ICD14T1NTL

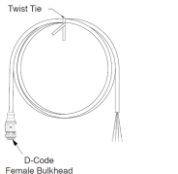


ICD22T1NTL

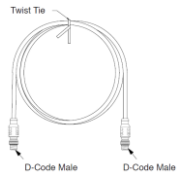


ICD44T1NTL

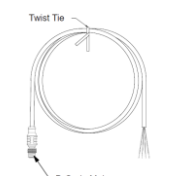
ETHERNET	P/N	CAT	Shield	Connector	IP	Pair	AWG	OD	Flammability	Jacket material	Color	Length	M.I. C.E.
	ICD11T1NTL	Cat5E	STP	M12 D-code, Straight, Two males	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD14T1NTL	Cat5E	STP	M12 D-code, Straight, male to RJ45	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD22T1NTL	Cat5E	STP	M12 D-code, Angle, two males	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD44T1NTL	Cat5E	STP	M12 D-code, Straight, Bulkhead Female to RJ45	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD45T1NTL	Cat5E	STP	M12 D-code, Straight, Bulkhead Female	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD11T2NTL	Cat5E	UTP	M12 D-code, Straight, Two males	IP67/68	2	24	6.3	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD15T2NTL	Cat5E	UTP	M12 D-code, Straight, male	IP67/68	2	24	6.3	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD25T2NTL	Cat5E	UTP	M12 D-code, Angle, male	IP67/68	2	24	6.3	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	ICD35T2NTL	Cat5E	UTP	M12 D-code, Straight, female	IP67/68	2	24	6.3	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2



ICD45T1NTL



ICD11T2NTL



ICD15T2NTL

PROFINET	P/N	CAT	Shield	Connector	IP	Pair	AWG	OD	Flammability	Jacket material	Color	Length	M.I. C.E.
	IPD11T1NTL	Cat5E	STP	M12 D-code, Straight, Two males	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	IPD14T1NTL	Cat5E	STP	M12 D-code, Straight, male to RJ45	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	IPD22T1NTL	Cat5E	STP	M12 D-code, Angle, two males	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	IPD44T1NTL	Cat5E	STP	M12 D-code, Straight, Bulkhead Female to RJ45	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2
	IPD45T1NTL	Cat5E	STP	M12 D-code, Straight, Bulkhead Female	IP67/68	2	24	7.2	CM	TPE	TL	0.5,2,3,5, 10,15,20	2.2.1.2



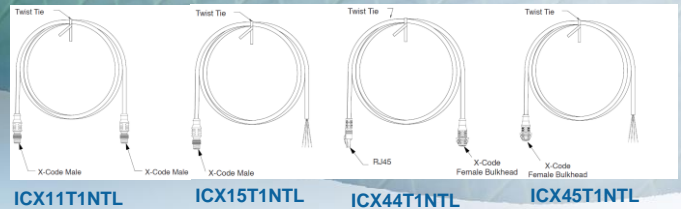
ICD25T2NTL



ICD35T2NTL

Industrial M12 Cordset X-code

- UV, Oil Resistant
- 600V Rated
- Flammability CM/CMR
- IP67/IP68
- STP/UTP option, TPE jacket
- High flex, flex Res 10M times



P/N	CAT	Shield	Connector	IP	Pair	AWG	OD	Flammability	Jacket material	Color	Length	UOM
ICX11T1NTL	CAT6A	STP	M12 X-编码, Straight, Two males	IP67/68	4	24	7.2	CM	TPU	Teal	2,3,5,10,15,20	1
ICX15T1NTL	CAT6A	STP	M12 X-code, Straight, male	IP67/68	4	24	7.2	CM	TPU	Teal	2,3,5,10,15,20	1
ICX44T1NTL	CAT6A	STP	M12 X-code, Straight, Bulkhead Female to RJ45	IP67/68	4	24	7.2	CM	TPU	Teal	2,3,5,10,15,20	1
ICX45T1NTL	CAT6A	STP	M12 X-code, Straight, Bulkhead Female	IP67/68	4	24	7.2	CM	TPU	Teal	2,3,5,10,15,20	1



High Reliability RJ45 Copper Patch Cord

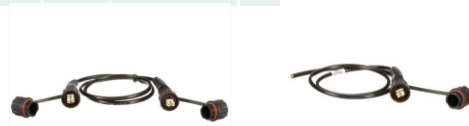
- UV, Oil Resistant, IP67
- Fast on-site installation
- Includes plug contact plated with 50 micro inches gold coating
- S/UTP, UTP optional



P/N	CAT	Shield	Connector	IP	Pair	AWG	OD	Flammability	Jacket material	Resistant	Color	Length	M.I. C.E.
IUTPSP*BL	CAT6	UTP	RJ45-RJ45	IP67	4	24	8	CM	Industrial PVC	Oil	BL	1,2,3,5	2.2.1.2
IUTPSPNC*BL	CAT6	UTP	RJ45-RJ45	IP67	4	24	8	CM	Industrial PVC	Oil	BL	1,2,3,5	2.2.1.2
ISTPSP*MBL	CAT6	S/UTP	RJ45-RJ45	IP67	4	24	8	CM	Industrial PVC	Oil	BL	1,2,3,5	2.2.1.2
ISTPSPNC*MBL	CAT6	S/UTP	RJ45-RJ45	IP67	26	4	8	CM	Industrial PVC	Oil	BL	1,2,3,5	2.2.1.2

High reliability LC Fiber Patch cord

- UV, Oil Resistant
- IP67
- Fast on-site installation
- 62.5/125, OM1



P/N	Method	IP	Pair	Multi mode	Flammability	Color	Connector	Length	M.I.C.E.
IAEF617P-7PM1**	OM1	IP67	1P	62.5/125	CM	BL	LC-LC	1,2,3,10,20,30	3.3.2.3
IAEF617P-NM1**	OM1	IP67	1P	62.5/125	CM	BL	LC-pigtails	1,2,3,10,20,30	3.3.2.3

M12 Field Terminable Plug

- High Reliability for industrial harsh environment
- Support PROFINET, CC-Link, Ethernet/IP
- Cat5E/CAT6A



P/N	Product Description	IP	AWG	OD mm	M.I.C.E.
ISPS5E44MFA	M12 D-code field terminable plug	IP65(To shell)IP67(M12)	22-26	4.5-8.8	3.3.1.2
ISPS6A88MFA	M12 D-code field terminable plug	IP65(To shell)IP67(M12)	22-26	4.5-8.8	3.3.1.2
ICAM12DRJS	M12 D-code to RJ45 adapter	IP20(RJ45) IP65(To shell)IP67(M12))	-	-	1.1.1.2
ICAM12XRJS	M12 X-code to RJ45 adapter	IP20(RJ45) IP65(To shell)IP67(M12)	-	-	1.1.1.2
ICAM12X90RJS	M12 X-code to RJ45 adapter, angled.	IP20(RJ45) IP65(To shell)IP67(M12)	-	-	1.1.1.2



IP67 Industrial Connector

- IP65/67 for industrial harsh environment
- Design with ODVA Ethernet/IP standard
- For industrial electrical/network enclosure



Cat5E/CAT6A Connector with protective cover

P/N	Product Description	CAT	Shield	IP	AWG	Cable OD mm	Recommend d tools	UOM		
IAEBH5ES	Industrial RJ45 Jack Module	CAT5E	STP	IP65(Shell) IP67(RJ45)	22-26 Solid cable, Stranded cable	5.08-8.38	EGJT	1		
IAEBH5E		CAT5E	UTP							
IAEBHC5E	Industrial Coupler RJ45 Jack Module	CAT5E	STP				CAT6		UTP	MPT5-8AS
IAEBH6S	Industrial RJ45 Jack Module	CAT6	STP							
IAEBH6		CAT6	UTP							
IAEBHC6	Industrial Coupler RJ45 Jack Module	CAT6	UTP				CAT6A		STP	MPT5-8AS
IAEBH6XS	Industrial RJ45 Jack Module	CAT6A	UTP							
IAEBH6X		CAT6A	STP							
IAEBHV56XS	Industrial bulkhead RJ45 connector	CAT6A	STP				CAT5E		UTP	MPT5-8AS
MPSI588T	Industrial Modular RJ45 Plug	CAT5E	STP							
MPI588T		CAT5E	UTP							
MPSIV56XT	Industrial RJ45 Modular Plug	CAT6A	UTP	IP67(RJ45)						



MPSIV56XT



IAEBHV56XS

USB Connector

P/N	Product Description	Model	UOM
IAPCMUSBAAWH	USB 2.0 female A/female A coupler	USB2.0	1
IAEFP1	Vertical faceplate	304	1



IAPCMUSBAAWH



IAEFP1

RJ45 Connector and Jack Module

Shield

P/N	Model	CAT	AWG	Cable OD mm	Color	Recommend Tool	M.I.C.E.
CJS5E88TGY	RJ45 Module	Cat5E	22-26	5.08-8.32	BU, RD, YL, GR, VL, OR, IW, IG	EGJT	----
CJS688TGY		Cat6					
CJS6X88TGY		CAT6a					
ISPS688FA	RJ45 Modular Plug	Cat5E, CAT6, CAT6A	22-24 Solid 22-27 Stranded	1.0-1.6 0.85-1.0	Metallic	No need special tools	1.1.2.1
ISPS688FAS		Cat5E	24-26	5.33-6.35	Clear	CSPT& MPT5-8AS	----
MPS588-C		CAT6	23-24	6.99-7.62			
SPS688-C							
SPS6X88-C							



CJS688TGY



ISPS688FA



SPS6X88-C



MPS588-C

Un-shield

P/N	Model	CAT	AWG	Cable OD mm	Color	Recommend Tool	UOM
CJE588TG	RJ45 Module	CAT5E	22-26	5.08-8.32	BU, RD, YL, GR, VL, OR, IW, IG	EGJT	----
CJ588			22-24	5.08-6.35		CGJT	
CJE688TG		CAT6	22-26	5.08-8.32		EGJT	
CJ688TP			22-24	5.08-6.35		CGJT	
NK688MBU			22-26	5.08-8.32			
CJ6X88TG		CAT6A	22-26	5.08-8.32		CGJT	
CJH6X88TGA W			22-26	5.08-8.32		EGJT	



CJE688TG



CJ688TP



CJ588Y



NK688MBL

■ 非屏蔽

P/N	Model	CAT	AWG	Cable OD mm	Color	Recommend Tool	M.I.C.E.	
CC5E88	RJ45 Coupler Module	CAT5E	-	-	BL, IW, BU, GR, OR	-	-----	
CC688		CAT6						
CC6X88		CAT6A						
MP588-C	RJ45 Modular Plug	CAT5E	24-26	5.72-6.35	BL, IW, BU, GR, OR, IG	MPT5-8AS & CSPT	-----	
SP688-C		CAT6	23-24					
SP6X88-C		CAT6A	6.99-8.00					
SP628-C		CAT6/6A	28					3.50-4.80
SP630-C		CAT6	30					3.10-3.30



CC688BL



MP588-C



SP688-C



SP628-C

DIN Rail Mount Patch Panel

- Standard 35mm DIN Rail
- Industrial PVC shell, mount all Mini-Com module

P/N	Product Description	Color	M.I.C.E.
CDPP8RG	8-ports DIN rail mount patch panel	BL, IG	--.1.1
FDME8RG	8-ports DIN Rail Fiber Optic Enclosure	BL, IG	1.1.1.3
CADIN1IG	1-port DIN Rail Mount Adapter	IG	-.1.--



CDPP8RG



FDME8RG



CADIN1IG

Wall mount modular patch panel

- Wall installation
- Cable and Fiber support

P/N	Product Description	Color	M.I.C.E.
CWPP12WBL	12-port wall mount modular patch panel	BL	-----



CWPP12WBL

Modular Patch Panel

- 19 inch standard 1 RU
- STP/UTP optional
- Accept all modules

P/N	Product Description	Model	M.I.C.E.
CP24BLY	24-port modular all metal shielded STP patch panel	1U, without module	-----
PGK	Panel Bonding Jumper	CP24BLY	
CPP24WBLY	Unshielded Modular UTP Patch Panel	1U, without module	
CPPKA6G24WBL	CAT6 Patch Panel Kit - UTP	1U, included 24 CJ688TPBL	
CPPKL6ATG24WBL	CATR6A Patch Panel Kit - UTP	1U, included 24 CJ6X88TG	



CP24BLY



CPP24WBLY



CPPKA6G24WBL



CPPKL6ATG24WBL

Vertical water resistant sloped faceplate

- The two-piece hinged design shall allow the cover and base to stay together IP56
- Impact-resistant polycarbonate
- Suitable for all modules

P/N	Product Description	Model	M.I.C.E.
CFPWR4CIG	Vertical water resistant sloped faceplate, 4 ports	IP56, includes hinged cover and screws	1.3.1.1



CFPWR4CIG

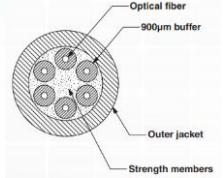
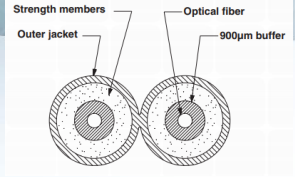
Fiber Cable & Patch Cord

Fiber Optic Indoor/Outdoor

- High density material, high water resistance
- High tensile and tension to improve construction convenience
- Suitable for field end fiber connector
- High flame retardant grade RISER (OFNR)
- Telcordia GR-409-CORE, IEC60332-1, IEC60332-3



FLKRX12



P/N	Fiber	O.D. (mm)	Bend Radius(mm)		Parameter	M.I.C.E.
			Installation	Long-term		
FLK□▲04	4	5.3	106	53	■ Temperature range Installation: -40 ~ 70°C Operation: -20 ~ 70°C ■ Tensile strength Installation: 4 - 12,660N 24 - 72s, 1320N Long-term : 4 to 12, 198N 24 to 72, 396N	1.-2.3
FLK□▲06	6	5.3	106	53		
FLK□▲08	8	5.8	116	58		
FLK□▲12	12	6.6	132	66		

Max fiber 74.
 □Flammability: R(Riser, OFNR), L(LSZH) ▲Transmission mode: 6(OM1), 5(OM2), X(OM3), Z(OM4), 9(OS2)

Fiber Patch Cord

- Convenient polarity conversion
- High flame retardant RISER (OFNR) with low smoke zero halogen is optional
- OM4,OM3,OM2, OM1, OS1/OS2 are optional
- Comply with TIA/EIA - 568 - B. 3

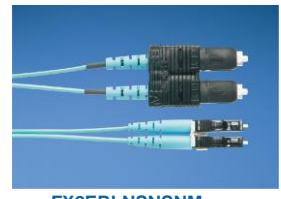


FX2ERLNLNSNM□□□

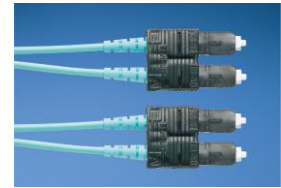
Multimode Fiber

P/N	Type	Connector	Fiber	O.D. (mm)	Color	Flammability	M.I.C.E.
FZ2ERLNLNSNM□□□□	OM4	LC ↔ LC	2	Φ1.6mm	TL	Riser (OFNR)	1.1.1.3
FX2ERLNLNSNM□□□□		LC ↔ LC		Φ1.6mm			
FX2ERLNSNSNM□□□□	OM3	LC ↔ SC	2	Φ1.6mm	TL		
FX23RSNSNSNM□□□□		SC ↔ SC		Φ3.0mm			
F52ERLNLNSNM□□□□	OM2	LC ↔ LC	2	Φ1.6mm	OR		
F52ERLNSNSNM□□□□		LC ↔ SC		Φ1.6mm			
F523RSNSNSNM□□□□		SC ↔ SC		Φ3.0mm			

□□□Length: 001-050 meter
 □Flammability: R(Riser, OFNR), L(LSZH) Transmission mode : 6(OM1), 5(OM2), X(OM3), Z(OM4), 9(OS1/OS2)



FX2ERLNSNSNM□□□□

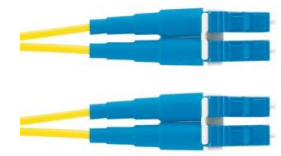


FX23RSNSNSNM□□□□

Single mode Fiber

P/N	Type	Connector	Fiber	O.D. (mm)	Color	Flammability	M.I.C.E.
F92ERLNLNSNM□□□□	OS2	LC ↔ LC	2	Φ1.6mm	YL	Riser (OFNR)	1.1.1.3
F92ERLNSNSNM□□□□		LC ↔ SC		Φ1.6mm			
F923RSNSNSNM□□□□		SC ↔ SC		Φ3.0mm			

□□□Length: 001-050 meter



FX23RSNSNSNM□□□□

Fiber Cleaning Tool

- LC & SC & MPO
- Service life up to 400 times



FMTPFCT

P/N	Product description
FMTPFCT	MTP Female Connector Cleaning Tool
FMTMPFCT	MTP male Connector Cleaning Tool

RJ45 Jack Block-out Device

- To prevent improper connection of network equipment
- Using standard RJ45 port
- Simple tools can be simple

P/N	Product Description	Package(1)	
		Module	Tool
PSL-DCJB-□□	RJ45 Jack Blockout Device	10	1

□□Color: IW(International White), BL(Black), BU(Blue), YL(Yellow), GR(Green), OR(Orange), IG(International Gray), RE(Red)

RJ45 Plug Recessed Lock-In Device

- To prevent important line plug by mistake
- Even in a high density of port use also not to interfere in the design of the equipment
- Simple tools can be simple

P/N	Product Description	Package(1)	
		Module	Tool
PSL-DCPLRX-□□	RJ45 Plug Recessed Lock-In Device	10	1

□□Color: IW(International White), BL(Black), BU(Blue), YL(Yellow), GR(Green), OR(Orange), IG(International Gray), RE(Red)

RJ45 Plug Latch Guard

- The RJ45 plug to prevent insertion by mistake
- Can be installed under the status of the connection
- Don't need a tool

P/N	Product Description	Package(1)
PLGUARD□□-X	RJ45Plug Latch Guard	100

□□Color: RD(Red), YL(Yellow), Standard(Milky White)

LC Block-out Device

- To prevent improper connection of network equipment
- Simple tools can be simple
- TIA/EIA-604-FOCIS3, FOCIS10

P/N	Product Description	Package(1)	
		Module	Tool
PSL-LCAB-□□	LC Block-out Device	10	1
PSL-SCBD-□□	SC Block-out Device	10	1

□□ Color: IW(International White), BL(Black), BU(Blue), YL(Yellow), GR(Green), OR(Orange), IG(International Gray), RE(Red)

USB Block-out Device

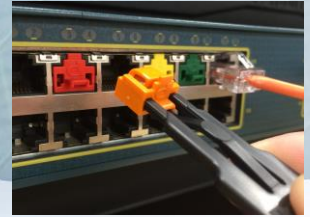
- To prevent improper connection of network equipment
- Simple tools can be simple
- USB TYPE 'A' & 'B'

P/N	Product Description	Package(1)	
		Module	Tool
PSL-USBA	USB Type A	5	1
PSL-USBB	USB Type B	10	1

※ Red



Installation sample



Take out sample



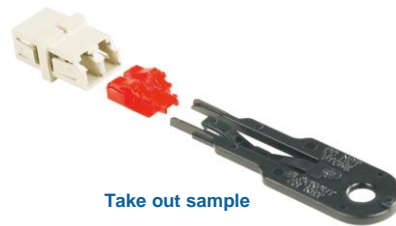
Installation sample



Take out sample



Installation sample



Take out sample



LC Block-out Device



SC Block-out Device



USB Type A



USB Type B

The most suitable for optical fiber and cable routing in the field of industrial solutions

Automation network vulnerable to interference, usually leads to downtime and lost production. Panduit launched IntraVUE able to identify and report to improve the industrial Ethernet infrastructure vital information in terms of the normal working hours.

Watch IntraVUE video to learn more about the factory workshop visibility options:
www.panduit.com/networkmonitoring

Automatically Maps your Network

View a live picture of your communications to all the automation devices !

Identifies network status and changes real-time

The screenshot displays the IntraVUE software interface. At the top, there are tabs for 'Topology', 'Plant Layout', and 'Network List'. The 'Network List' tab is active, showing a table of network data. Below the table, there is a 'Plant Layout' view showing a detailed floor plan with various network devices and connections overlaid on it. The interface also includes a menu bar with options like 'FILE', 'HOME', 'INSERT', 'PAGE LAYOUT', 'FORMULAS', 'DATA', 'REVIEW', 'VIEW', 'MEKKO GRAPHICS', and 'MVE (Mi...'. A warning message at the bottom right states 'Warning - data is not current. Scanner is in OFFLINE mode.'

IP	MAC	ParentIP	ParentPort	UplinkPort	DeviceViewName	UD4ViewName	UD5ViewName
10.1.1.1	00 00 0C 07 AC 00	10.1.1.171	49	1	stwsd1.st3483	34.21	Acme Mfg
10.1.1.106	00 30 DE 00 15 1A	10.1.1.244	4	0	OP Station 28	34.21	Acme Mfg
10.1.1.110	00 00 AA 9D BF 65	10.1.1.42	5	0	Phaser 6180DN-9DBF65	3.1.2.2012	Xerox
10.1.1.113	00 20 4A 51 01 EA						
10.1.1.137	00 18 A9 00 04 86						
10.1.1.140	00 00 BC 06 42 A1						
10.1.1.141	00 00 BC 31 B4 43						
10.1.1.142	00 0F 73 00 03 63						
10.1.1.144	00 00 BC C3 AD F						
10.1.1.146	00 90 17 14 4D C4						
10.1.1.155	F0 AD 4E 02 96 01						
10.1.1.160	00 50 04 14 01 9C						
10.1.1.161	00 13 20 8F 6C 23						
10.1.1.163	00 0C 29 19 01 53						
10.1.1.165	00 0C 29 77 6D 0E						
10.1.1.169	00 1A A0 2F 52 91						
10.1.1.170	08 00 4E 37 36 8C						
10.1.1.171	00 11 43 8C 85 C3						
10.1.1.172	00 18 A9 00 33 F5						
10.1.1.175	00 17 95 1D 70 4C						

