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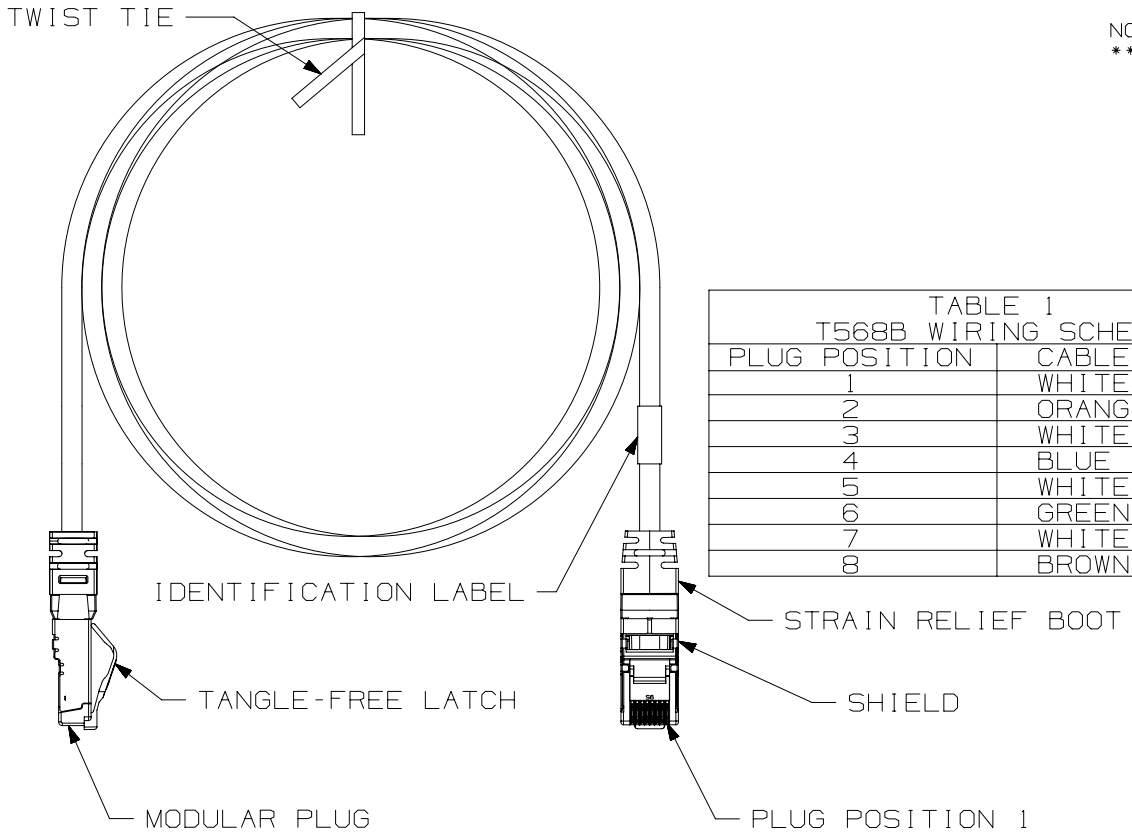

NOTES:
**1. SEE CURRENT CATALOG FOR VARIOUS APPLICATIONS.
2. SEE CATALOG FOR A COMPLETE LIST OF PARTS APPLICABLE FOR USE WITH THIS PART.
3. TERMINATED WITH (8 POSITION) SHIELDED MODULAR PLUGS AT BOTH ENDS PER T568B.
4. CONSTRUCTED WITH 26 AWG STRANDED CAT 6A FULLY SHIELDED TWISTED PAIR TYPE CMX OUTDOOR-CMR SF/UTP PATCH CABLE.
5. CABLE JACKET DIAMETER IS 0.29 IN (7.37MM) NOMINAL.

TABLE 1
T568B WIRING SCHEME

PLUG POSITION	CABLE WIRE
1	WHITE/ORANGE
2	ORANGE
3	WHITE/GREEN
4	BLUE
5	WHITE/BLUE
6	GREEN
7	WHITE/BROWN
8	BROWN

TABLE 2
CABLE COLOR OPTIONS

CABLE COLORS	** = COLOR
TEAL	TL
BLACK	BL

SEE SHEET 2 FOR PATCH CORD LENGTHS AND PART NUMBERS

PART NUMBER
ISTPH6X**M**, SEE TABLE 3

TITLE
INDUSTRIAL ETHERNET CAT6A SHIELDED PATCH CORD (600V RATED) WITH RJ45 CONNECTIVITY

CUSTOMER DRAWING

ITEM REVISION NAME: 00173EAA/00

DATASET FILE NAME: 00173EAA_DC/00A

THIRD ANGLE PROJECTION

PANDUIT

MATERIAL: SEE NOTES

DRAWING NUMBER: 00173EAA_DC

DRAWN BY	DATE	CHK	SCALE	SIZE
JBO	8/22/18	MGH	NONE	A

SHEET 1 OF 2

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
00A	8/22/18	JBO	MGH	EOS	INITIAL RELEASE	00173EAA_DC

A-SIZE CUSTOMER

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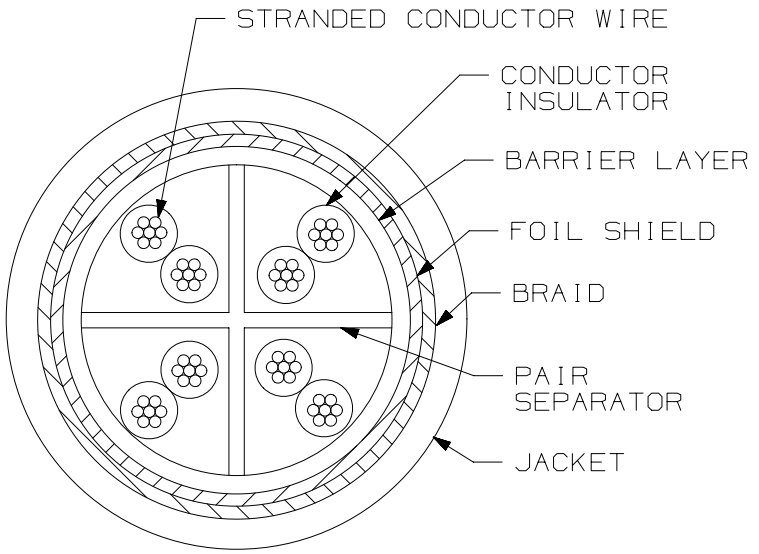
INDUSTRIAL ETHERNET CAT6A SHIELDED PATCH CORD (600V RATED) WITH RJ45 CONNECTIVITY

TABLE 3 PANDUIT PART NUMBERS	
PART NUMBER	MIN. CABLE LENGTH
ISTPH6X0.3M**	0.3 METERS
ISTPH6X0.6M**	0.6 METERS
ISTPH6X1M**	1 METER
ISTPH6X1.5M**	1.5 METER
ISTPH6X2M**	2 METERS
ISTPH6X2.5M**	2.5 METERS
ISTPH6X3M**	3 METERS
ISTPH6X3.5M**	3.5 METERS
ISTPH6X4M**	4 METERS
ISTPH6X4.5M**	4.5 METERS
ISTPH6X5M**	5 METERS
ISTPH6X7M**	7 METERS
ISTPH6X10M**	10 METERS
ISTPH6X15M**	15 METERS
ISTPH6X20M**	20 METERS



CROSS-SECTIONAL VIEW OF CABLE

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
00A	8/22/18	JBO	MGH	EOS	SEE SHEET 1 FOR REVISION CONTROL	00173EAA_DC

PART NUMBER: ISTPH6X**M**, SEE TABLE 3

TITLE: INDUSTRIAL ETHERNET CAT6A SHIELDED PATCH CORD (600V RATED) WITH RJ45 CONNECTIVITY

CUSTOMER DRAWING

ITEM REVISION NAME: 00173EAA/00

DATASET FILE NAME: 00173EAA_DC/00A

THIRD ANGLE PROJECTION

MATERIAL: SEE NOTES

DRAWING NUMBER: 00173EAA_DC

DRAWN BY	DATE	CHK	SCALE	SIZE
JBO	8/22/18	MGH	NONE	A

SHEET 2 OF 2

A-SIZE CUSTOMER

Mouser Electronics

Authorized Distributor

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Panduit:

ISTPH6X0.3MTL ISTPH6X4MBL ISTPH6X5MTL ISTPH6X3.5MBL ISTPH6X0.6MTL ISTPH6X4.5MTL ISTPH6X7MTL ISTPH6X2.5MTL ISTPH6X1.5MBL ISTPH6X0.6MBL ISTPH6X3MBL ISTPH6X10MBL ISTPH6X4MTL ISTPH6X2MBL ISTPH6X3.5MTL ISTPH6X0.3MBL ISTPH6X2MTL ISTPH6X1.5MTL ISTPH6X4.5MBL ISTPH6X7MBL ISTPH6X2.5MBL ISTPH6X1MTL ISTPH6X20MBL ISTPH6X10MTL ISTPH6X3MTL ISTPH6X5MBL ISTPH6X20MTL