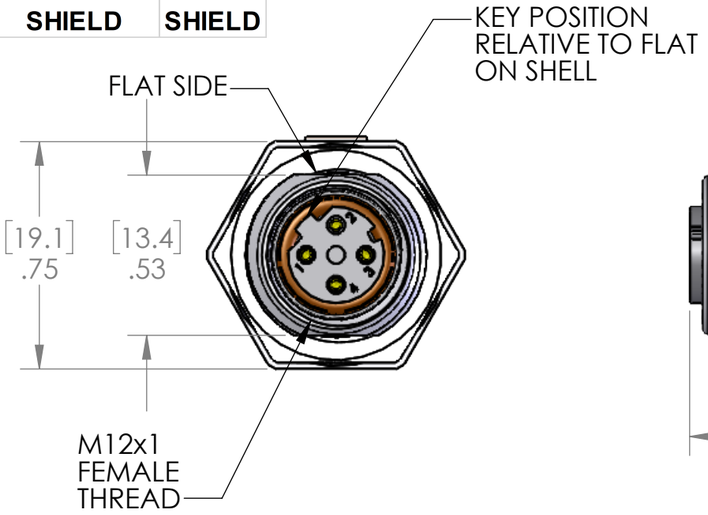
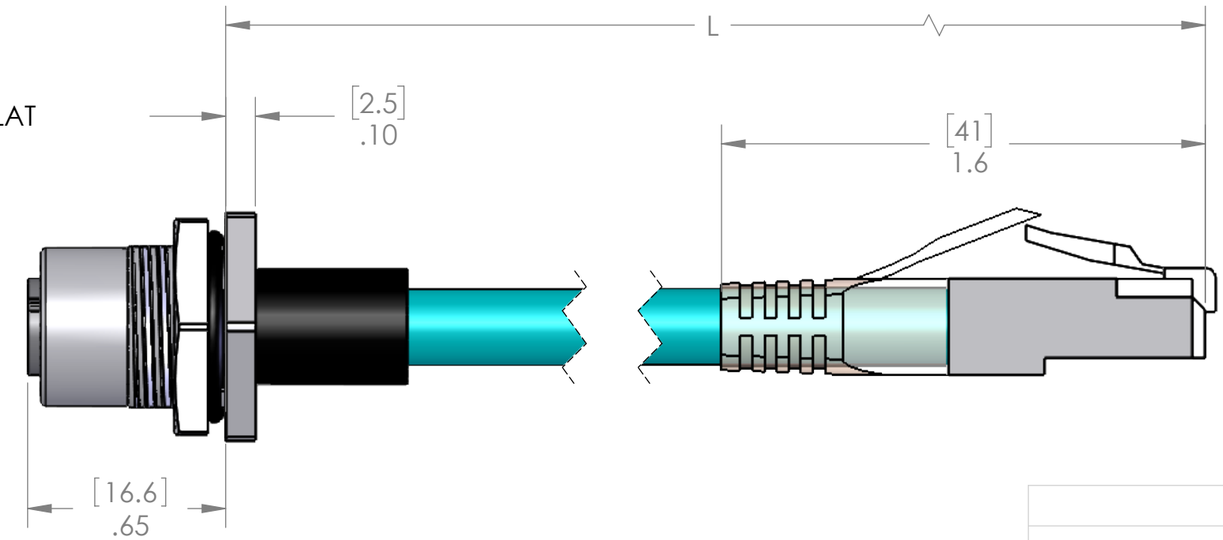
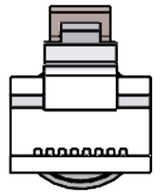
MDE45 PIN #	FUNCTION	RJ45 PIN #
1	TX+	1
2	RX+	3
3	TX-	2
4	RX-	6
N/C	SHIELD	SHIELD

BRAIDED SHIELD ATTACHED TO METAL SHIELD ON RJ45 CONNECTOR ONLY. NOT CONNECTED TO THE COUPLING NUT ON THE M12 CONNECTOR.







12345678

MATERIALS	
SHELL:	NICKEL PLATED BRASS
CONTACTS:	GOLD PLATED COPPER ALLOY
CABLE:	
STYLE:	AWM CAT 5e
AWG:	24 AWG
JACKET:	TEAL PUR
VOLTAGE:	600V
SHIELD:	BRAIDED
INSERT:	POLYAMIDE
O-RING:	NBR & FPM
NUT:	NICKEL PLATED BRASS
HEATSHRINK:	POLYOLEFIN
APPROVALS	
US:	UL LISTED
CANADA:	C-UL LISTED
ROHS:	YES
CE & UKCA:	YES
RATINGS	
PROTECTION CLASS:	IEC IP69

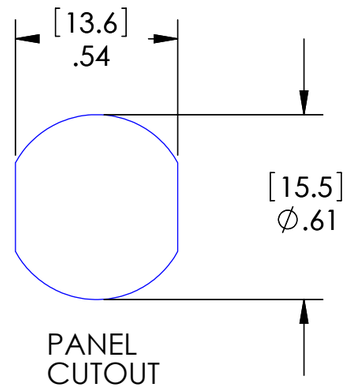


TABLE A

P/N	L
MDE45PB-4FR-RJ45S-BM-0.15M	6" [0.15m]
MDE45PB-4FR-RJ45S-BM	12" [0.3m]
MDE45PB-4FR-RJ45S-BM-0.5M	20" [0.5m]
MDE45PB-4FR-RJ45S-BM-1M	40" [1m]
MDE45PB-4FR-RJ45S-BM-2M	79" [2m]
MDE45PB-4FR-RJ45S-BM-3M	118" [3m]
MDE45PB-4FR-RJ45S-BM-4M	157" [4m]
MDE45PB-4FR-RJ45S-BM-5M	197" [5m]

OTHER LENGTHS ARE AVAILABLE
PLEASE CONSULT FACTORY

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MENCOM CORPORATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MENCOM CORPORATION IS PROHIBITED.

VOLTS	42VDC
AMPS	1.5A
TEMP:	80°C

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES AND [MM]

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN BY	JJH
DRAWN DATE	08/22/2023
CHECKED BY	JJH
CHECK DATE	08/24/2023

COMMENTS:

MENCOM CORPORATION

TITLE:

4 PL MDE45 TO RJ45 BK MT

SIZE	DWG. NO.	REV
B	MDE45PB-4FR-RJ45S-BM-ZZ	C

SCALE: 2:1 | WEIGHT: | SHEET 1 OF 1