

| MDE45 | | RJ45 |
|-------|----------------|-------|
| PIN # | COLOR | PIN # |
| 1 | WHITE / BLUE | 5 |
| 2 | WHITE / BROWN | 7 |
| 3 | BROWN | 8 |
| 4 | ORANGE | 2 |
| 5 | WHITE / GREEN | 3 |
| 6 | WHITE / ORANGE | 1 |
| 7 | BLUE | 4 |
| 8 | GREEN | 6 |
| N/A | SHIELD | SHELL |

NOTE: CABLE SHIELD IS ELECTRICALLY CONNECTED TO THE SHIELD OF THE RJ45.

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

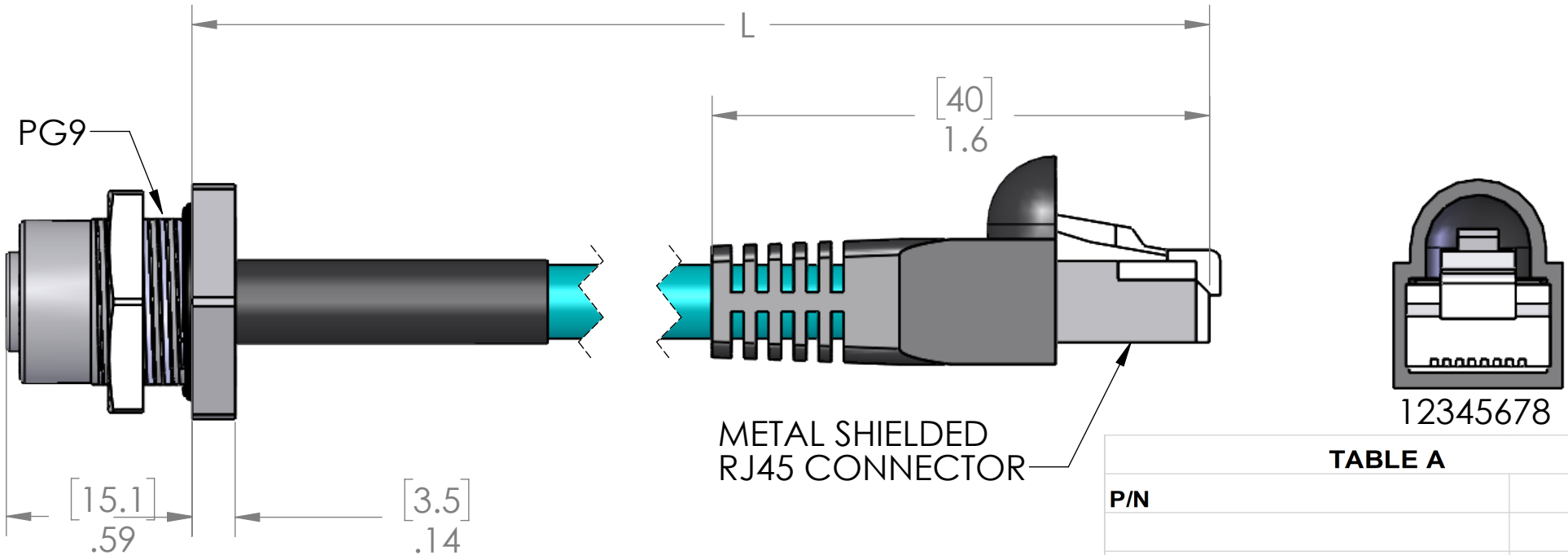
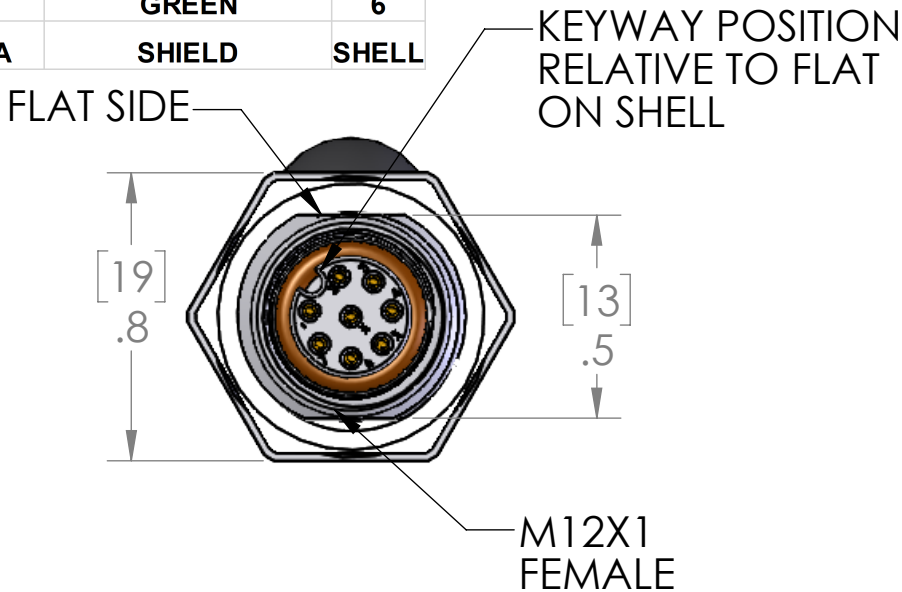
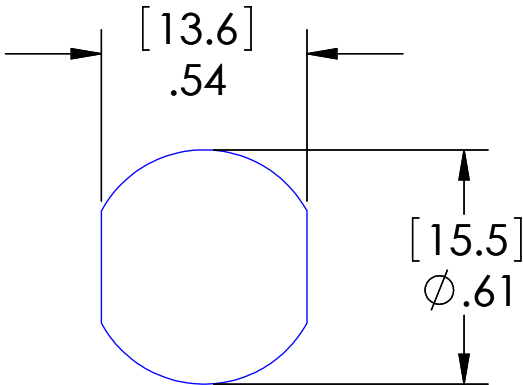


TABLE A

| P/N | L |
|---------------------------|------------|
| MDE45B-8FSR-RJ45S-BM-0.3M | 12" [0.3m] |
| MDE45B-8FSR-RJ45S-BM-0.5M | 20" [0.5m] |
| MDE45B-8FSR-RJ45S-BM-1M | 40" [1m] |
| MDE45B-8FSR-RJ45S-BM-2M | 79" [2m] |
| MDE45B-8FSR-RJ45S-BM-3M | 118" [3m] |
| MDE45B-8FSR-RJ45S-BM-4M | 157" [4m] |
| MDE45B-8FSR-RJ45S-BM-5M | 197" [5m] |
| MDE45B-8FSR-RJ45S-BM-10M | 393" [10m] |

OTHER LENGTHS ARE AVAILABLE
PLEASE CONSULT FACTORY

PANEL
CUTOUT



| MATERIALS | |
|-------------------|--------------------------|
| SHELL: | NICKEL PLATED BRASS |
| CONTACTS: | GOLD PLATED COPPER ALLOY |
| CABLE: | |
| STYLE: | AWM CAT 5e |
| AWG: | 26 AWG |
| JACKET: | TEAL PVC |
| VOLTAGE: | 600V |
| SHIELD: | BRAIDED |
| INSERT: | POLYAMIDE |
| O-RING: | FPM & NBR |
| NUT: | NICKEL PLATED BRASS |
| HEATSHRINK: | POLYOLEFIN |
| APPROVALS | |
| US: | UL LISTED |
| CANADA: | C-UL LISTED |
| ROHS: | YES |
| CE & UKCA: | YES |
| RATINGS | |
| PROTECTION CLASS: | IEC IP69 |

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| | |
|-------|-------|
| VOLTS | 42VDC |
| AMPS | 1.5A |
| TEMP: | 80°C |

| | | |
|--------------------------------------|------------|------------|
| UNLESS OTHERWISE SPECIFIED: | DRAWN BY | JJH |
| DIMENSIONS ARE IN INCHES AND [MM] | DRAWN DATE | 08/24/2023 |
| | CHECKED BY | JJH |
| | CHECK DATE | 08/24/2023 |
| | | |
| | | |
| MATERIAL | COMMENTS: | |
| FINISH | | |
| DO NOT SCALE DRAWING | | |

MENCOM CORPORATION

| | | |
|------------|-------------------------|--------------|
| TITLE: | | |
| SIZE | DWG. NO. | REV |
| B | MDE45PB-8FR-RJ45S-BM-ZZ | C |
| SCALE: 2:1 | WEIGHT: | SHEET 1 OF 1 |