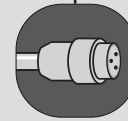


# Double-Ended Cordsets

- Mini-Change® to Mini-Change cordsets



- Phosphor-bronze contacts for greatest reliability
- Variety of cable types, cable exit, coupling nut and length options for maximum system flexibility



Trunk line double-ended Mini-Change cordsets are used in a variety of configurations where a complete daisy-chain plug and play solution of the trunk is desired. These trunk line cordsets are designed to connect one node to the next. For instance double-ended cordsets can connect a tee to a "pass-thru" passive multiport to the "bus in" connection of an active block or to the "bus out" connection to the next node. Male connectors are supplied with externally threaded coupling nuts while female connectors are supplied with internally threaded coupling nuts. This allows you to daisy chain these cordsets in a variety of configurations.

## Trunk Double-Ended Cordsets

| FACE VIEWS | FEMALE | MALE |
|------------|--------|------|
|            |        |      |

| FEMALE/MALE       | FIG | DOUBLE-ENDED CORDSETS WITH THICK TRUNK CABLE |
|-------------------|-----|--|
| STRAIGHT/STRAIGHT | 1   | DN11A-Mxxx                                   |
| 90°/STRAIGHT      | 2   | DN91A-Mxxx                                   |
| STRAIGHT/90°      | 3   | DN19A-Mxxx                                   |
| 90°/90°           | 4   | DN99A-Mxxx                                   |

### CATALOG OPTIONS

See pages 28-29 for additional mating receptacles

Use the following chart to modify your part's specifications

DN 1 11A-M xxx

#### CABLE OPTIONS

|                                       |     |   |
|---------------------------------------|-----|---|
| DEVICENET THIN . . . . .              | ADD | <span style="border: 1px solid black; padding: 0 2px;">D</span> |
| DEVICENET MID . . . . .               | ADD | <span style="border: 1px solid black; padding: 0 2px;">B</span> |
| DEVICENET THICK; FLEX RATED . . . . . | ADD | <span style="border: 1px solid black; padding: 0 2px;">F</span> |
| DEVICENET THICK; TRAY RATED . . . . . | ADD | <span style="border: 1px solid black; padding: 0 2px;">E</span> |

#### COUPLING NUT

|                             |  |
|-----------------------------|--|
| EPOXY COATED ZINC . . . . . | <span style="border: 1px solid black; padding: 0 2px;">A</span>  |
| STAINLESS STEEL . . . . .   | <span style="border: 1px solid black; padding: 0 2px;">SS</span> |
| NICKEL-BRASS . . . . .      | <span style="border: 1px solid black; padding: 0 2px;">NB</span> |

#### STANDARD LENGTH\*

|                     |   |
|---------------------|---|
| 0.6 METER . . . . . | <span style="border: 1px solid black; padding: 0 2px;">006</span> |
| 1 METER . . . . .   | <span style="border: 1px solid black; padding: 0 2px;">010</span> |
| 2 METER . . . . .   | <span style="border: 1px solid black; padding: 0 2px;">020</span> |
| 3 METER . . . . .   | <span style="border: 1px solid black; padding: 0 2px;">030</span> |
| 4 METER . . . . .   | <span style="border: 1px solid black; padding: 0 2px;">040</span> |
| 5 METER . . . . .   | <span style="border: 1px solid black; padding: 0 2px;">050</span> |
| 10 METER . . . . .  | <span style="border: 1px solid black; padding: 0 2px;">100</span> |

\* Please call for availability of non-standard lengths

|                         |   |
|-------------------------|---|
| <b>MECHANICAL</b>       |   |
| CONNECTOR FACE:         | PVC-UL STD 94-V   |
| MOLDED BODY:            | PVC-UL STD 94-V   |
| COUPLING NUT:           | ZINC DIECAST W/ BLACK EPOXY COAT<br>OPTIONAL STAINLESS STEEL OR NICKEL-COATED   |
| CABLE:                  | THICK – SEE PAGE 18 FOR SPECIFICATIONS<br>MID – SEE PAGE 21 FOR SPECIFICATIONS<br>THICK-FLEX – SEE PAGE 19 FOR SPECIFICATIONS |
| OUTSIDE DIAMETER:       | THICK – 0.475" (12.1 mm)<br>MID – 0.330" (8.38 mm)<br>THICK-FLEX – 0.48" (12.2 mm)  |
| <b>ELECTRICAL</b>       |   |
| VOLTAGE RATING:         | 300V AC / DC  |
| AMPERAGE:               | 3A BASED ON CABLE TYPE  |
| CONTACTS:               | PHOSPHOR-BRONZE BASE MATERIAL   |
| CONTACT PLATING:        | GOLD OVER NICKEL PER ODVA SPECS   |
| <b>ENVIRONMENTAL</b>    |   |
| PROTECTION:             | IP68, NEMA 6P   |
| AMBIENT OPERATING TEMP: | -4° TO 176° F (-20° TO 80° C)   |
| <b>CERTIFICATIONS</b>   |   |
| UL:                     | UL LISTED, FILE NO. E152210   |
| CSA:                    | CSA CERTIFIED, FILE NO. LR6837  |

### CONNECTOR DIMENSIONS

Female Straight / Male Straight

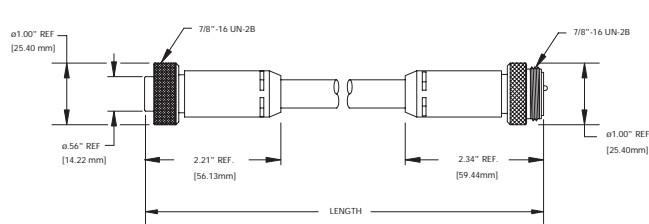


FIG 1

Female Straight / Male 90°

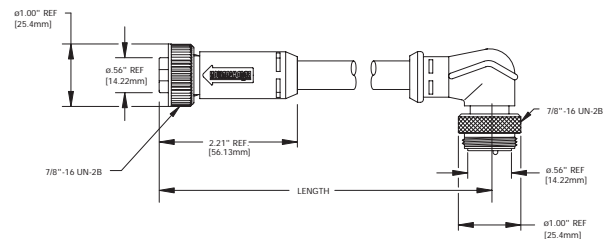


FIG 3

Female 90° / Male Straight

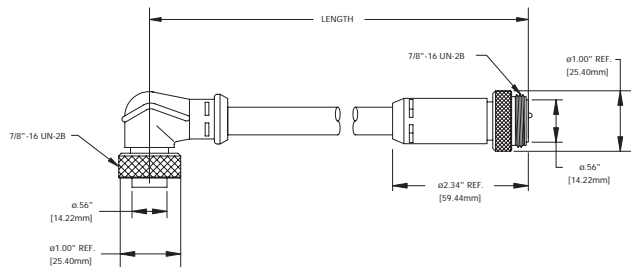


FIG 2

Female 90° / Male 90°

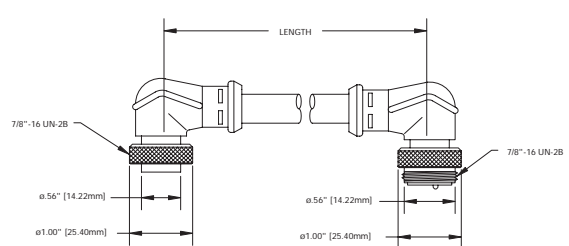


FIG 4