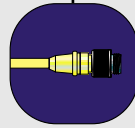


Single- and Double-ended Cordsets

Single- and Double-ended Cordsets Specifications



Both single- and double-ended 5P Mini-Change® cordsets, receptacles and tees are used to connect power to a variety of devices including active I/O modules. Female connections bring power safely to the blocks. When powering active modules the molded Mini-Change connector end of the cable connects to the block while the flying lead end is connected to the power supply output. Double-ended cordsets are used to provide a quick-disconnect on the power source.



- #16 AWG yellow ST00W cable – U.S. color code
- Oil-resistant PVC jacket
- Low-resistance contact design with gold/palladium nickel plating

Single- and Double-ended Cordsets

| | | | | |
|------------|---|---|----------------------------|--------|
| FACE VIEWS | | MALE | | FEMALE |
| COLOR CODE | 1- WHITE (OUTPUT POWER V-) 2- RED (BUS/INPUT POWER V-) | 3- GREEN (EARTH GROUND) 4- ORANGE (BUS/INPUT POWER V+) | 5- BLACK (OUTPUT POWER V+) | |

| | |
|-------------------|--|
| MALE | SINGLE-ENDED CORDSETS WITH #16 AWG ST00W CABLE 1 METER LONG |
| STRAIGHT | 105006A01M010 |
| 90° | 105007A01M010 |
| FEMALE | SINGLE-ENDED CORDSETS WITH #16 AWG ST00W CABLE 1 METER LONG |
| STRAIGHT | 105000A01M010 |
| 90° | 105001A01M010 |
| MALE/FEMALE | DOUBLE-ENDED CORDSETS WITH #16 AWG ST00W CABLE 1 METER LONG |
| STRAIGHT/STRAIGHT | 115030A01M010 |
| 90°/STRAIGHT | 115032A01M010 |
| STRAIGHT/90° | 115031A01M010 |
| 90°/90° | 115033A01M010 |

CATALOG OPTIONS

See Brad Harrison catalog for additional power media

Use the following chart to modify your part's specifications

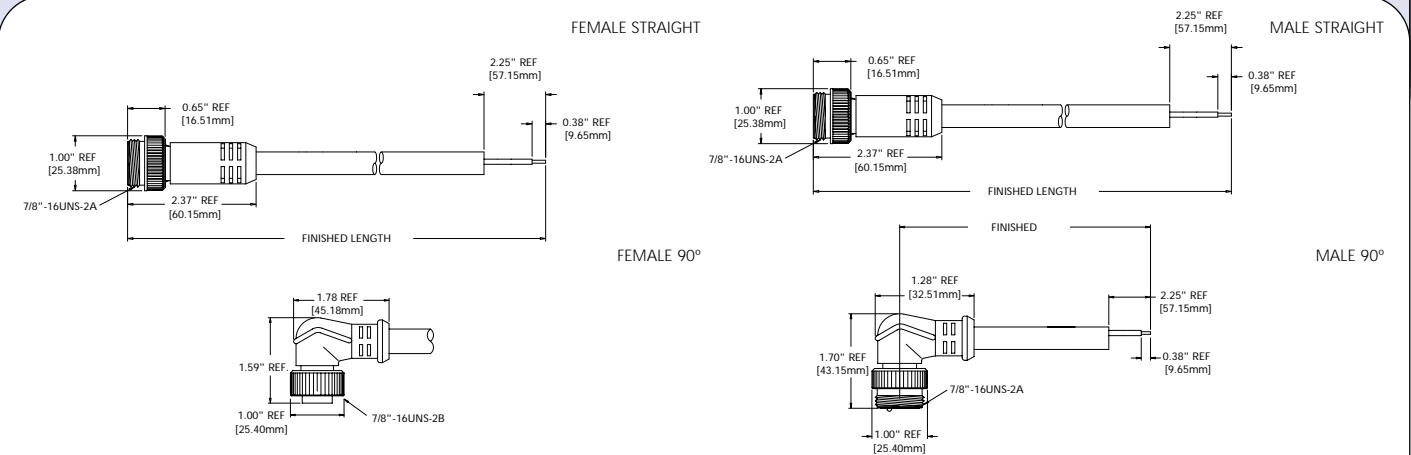
115030A01M010

| | | | | | |
|----------------------|-----|-------------------------------|---------|---------------------|----------|
| CABLE OPTION | | MOLDED HEAD CONFIG. | | CABLE LENGTH | |
| SINGLE-ENDED CORDSET | .10 | SINGLE END FEMALE STRAIGHT | ... 000 | 2 METER | ... M020 |
| DOUBLE-ENDED CORDSET | .11 | SINGLE END FEMALE 90° | ... 001 | 5 METER | ... M050 |
| | | SINGLE END MALE STRAIGHT | ... 006 | | |
| | | SINGLE END MALE 90° | ... 007 | | |
| | | FEMALE STRAIGHT/MALE STRAIGHT | ... 030 | | |
| | | FEMALE 90°/MALE STRAIGHT | ... 031 | | |
| | | FEMALE STRAIGHT/MALE 90° | ... 032 | | |
| | | FEMALE 90°/MALE 90° | ... 033 | | |

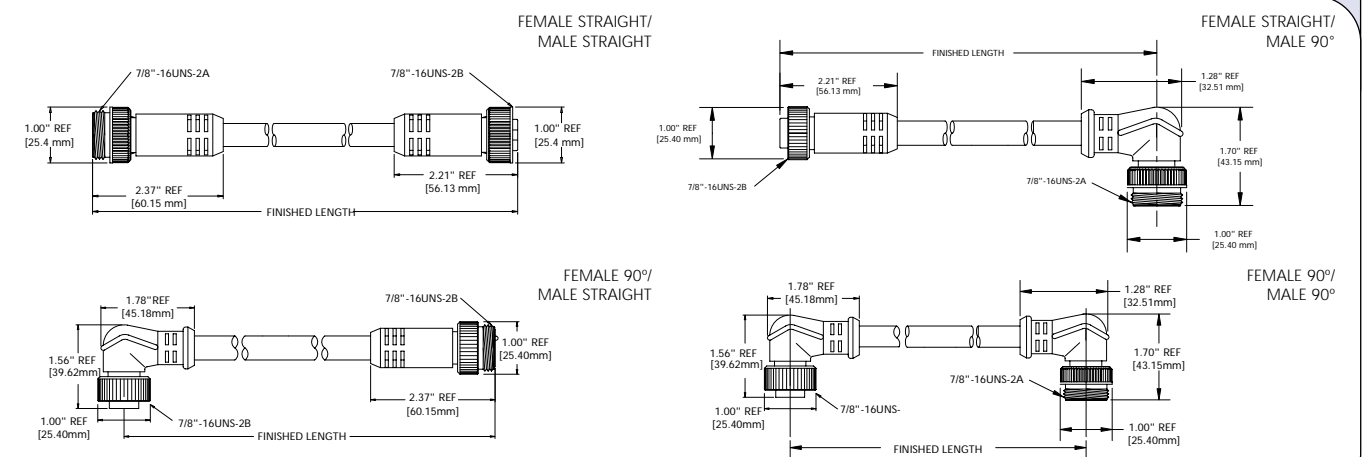


DIMENSIONS

Single-ended Cordsets



Double-ended Cordsets



- MECHANICAL**
 CONNECTOR FACE: PVC – UL STD 94 – VO
 MOLDED BODY: PVC – UL STD 94 – VO
 COUPLING NUT: ZINC DIECAST W/ BLACK EPOXY E-COAT,
 CABLE: YELLOW, #16 AWG, PVC JACKET, PVC CONDUCTOR INSULATION OVER
 65 X 34 COPPER STRANDING, UL ST00W CSA ST
- ELECTRICAL**
 CABLE DIAMETER: 5P - .50" (12.7mm)
 VOLTAGE RATING: 600V AC/DC
 AMPERAGE: 8 A
 ENVIRONMENTAL PROTECTION: IP68, NEMA 6P
 AMBIENT OPERATING TEMP: -4° TO 221° F (-20° TO 105° C)
- CERTIFICATIONS**
 UL: UL RECOGNIZED, FILE NO. E46237
 CSA: CSA CERTIFIED, FILE NO. LR6837