



# Single-Ended Cordsets

## Dual Keyway 1/2" - 20 UNF

AUTOMOTIVE

#18 AWG yellow PUR high-flex cable – auto color code  
 Oil- and abrasion-resistant polyurethane jacket  
 Low-resistance contact design with gold/palladium nickel plating

|                  | 2P                  | 3P                                             | 4P                                                       | 5P                                                                        |
|------------------|---------------------|------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| FEMALE FACE VIEW |                     |                                                |                                                          |                                                                           |
| COLOR CODE       | 1- brown<br>2- blue | 1- green - gnd<br>2- red/black<br>3- red/white | 1- red/black<br>2- red/white<br>3- red<br>4- green - gnd | 1- red/white<br>2- red<br>3- green - gnd<br>4- red/yellow<br>5- red/black |
| VOLTAGE          | 250V AC/DC          | 250V AC/DC                                     | 250V AC/DC                                               | 250V AC/DC                                                                |
| CURRENT          | 4A                  | 4A                                             | 4A                                                       | 4A                                                                        |
| CONDUCTOR        | #18-2               | #18-3                                          | #18-4                                                    | #18-5                                                                     |

| FEMALE                      | FIG | SINGLE-ENDED CORDSETS WITH #18 AWG HIGH FLEX PUR CABLE 6 FEET LONG |               |               |               |
|-----------------------------|-----|--------------------------------------------------------------------|---------------|---------------|---------------|
| STRAIGHT                    | 1   | 702000B01F060                                                      | 703000B01F060 | 704000B01F060 | 705000B01F060 |
| 90°                         | 2   | 702001B01F060                                                      | 703001B01F060 | 704001B01F060 | 705001B01F060 |
| MATING RECEPTACLE*          | 5   | 7R2006A19A120                                                      | 7R3006A19A120 | 7R4006A19A120 | 7R5006A19A120 |
| MALE W/<br>EXTERNAL THREADS | FIG | SINGLE-ENDED CORDSETS WITH #18 AWG HIGH FLEX PUR CABLE 6 FEET LONG |               |               |               |
| STRAIGHT                    | 3   | 702006B01F060                                                      | 703006B01F060 | 704006B01F060 | 705006B01F060 |
| 90°                         | 4   | 702007B01F060                                                      | 703007B01F060 | 704007B01F060 | 705007B01F060 |
| MATING RECEPTACLE*          | 6   | 7R2A00A19A120                                                      | 7R3A00A19A120 | 7R4A00A19A120 | 7R5A00A19A120 |

## CATALOG OPTIONS

\*See Page 134 for additional Mating Receptacles

Use the following chart to modify your part's specifications

702000B01F0601

## CABLE LENGTH

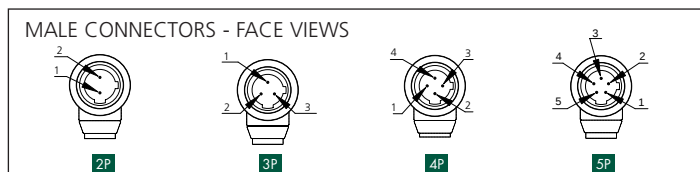
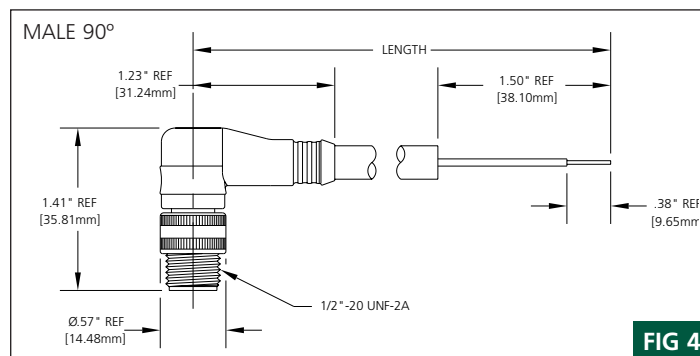
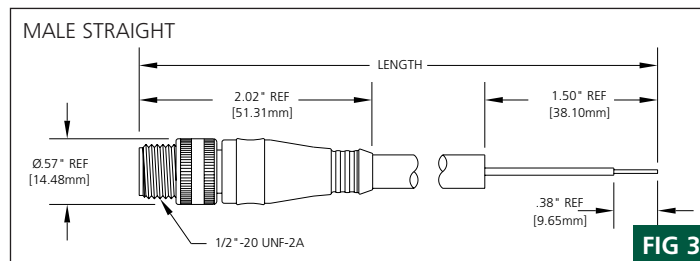
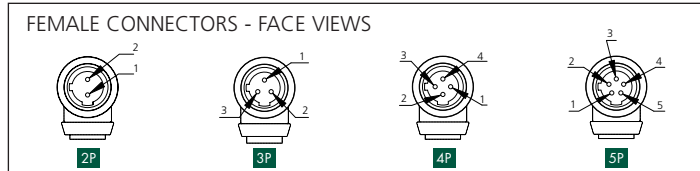
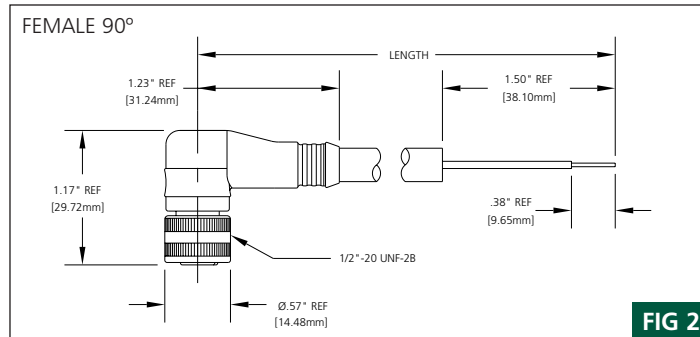
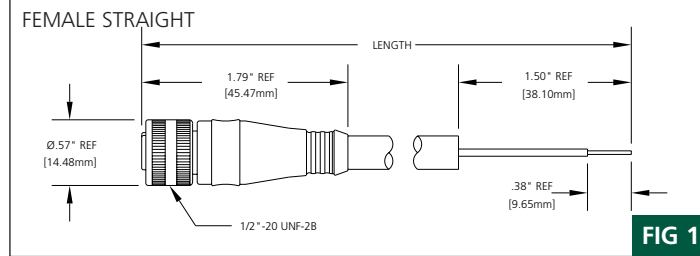
|     |     |
|-----|-----|
| 12' | 120 |
| 20' | 200 |

## COUPLING NUT

STAINLESS STEEL . . . . .ADD 1

# Specifications

## CONNECTOR DIMENSIONS



### MECHANICAL

CONNECTOR FACE: NYLON 6/6  
 MOLDED BODY: POLYURETHANE  
 O-RING: VITON  
 COUPLING NUT: ZINC DIECAST W/ BLACK EPOXY COAT, OPTIONAL STAINLESS STEEL TYPE 303  
 CABLE: YELLOW #18 AWG POLYURETHANE JACKET AND PVC CONDUCTOR INSULATION OVER 65 X #36 COPPER STRANDING, 300V, UL STYLE 20549, CSA AWM I/II A/B  
 OUTSIDE DIAMETER:  
 2P - .24" (6.1mm)  
 3P - .27" (6.9mm)  
 4P - .29" (7.4mm)  
 5P - .32" (8.1mm)

### ELECTRICAL

VOLTAGE RATING: 250V AC/DC  
 AMPERAGE:  
 2P - 4A  
 3P - 4A  
 4P - 4A  
 5P - 4A

### ENVIRONMENTAL

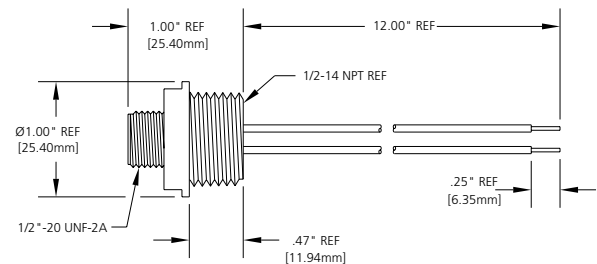
PROTECTION: IP 68, NEMA 6P  
 AMBIENT OPERATING TEMP: -4° TO 176° F (-20° TO 80° C)  
**CERTIFICATIONS**  
 UL: UL LISTED, FILE NO. E152210  
 CSA: CSA CERTIFIED, FILE NO LR6837



## RECEPTACLE DIMENSIONS

### MALE RECEPTACLE WITH EXTERNAL THREADS AND 1/2" - 14NPT THREADS

SEE PAGE 134 FOR ADDITIONAL RECEPTACLES AND FACE VIEW DETAILS



### FEMALE RECEPTACLE WITH INTERNAL THREADS AND 1/4" - 18NPT THREADS

SEE PAGE 134 FOR ADDITIONAL RECEPTACLES AND FACE VIEW DETAILS

