

## Mini, 1"-Round-Plug Connector, Single-Ended Cordsets, US Color Code

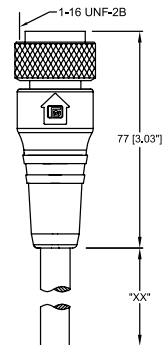
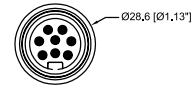
RS 601B...801M | RK 60B...80M



### 6-, 7-, and 8-Poles

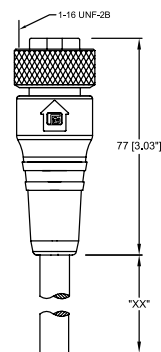
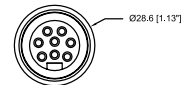
Mini, 1" single-ended cordsets, male straight, 6-, 7-, and 8-poles with internal threads and molded PVC cable, US color code.

**RS**



Mini, 1" single-ended cordsets, female straight, 6-, 7-, and 8-poles with internal threads and molded PVC cable, US color code.

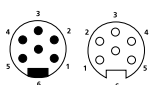
**RK**



### Pin Assignments

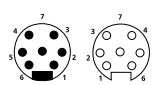
Mini, 1" - Male / Female

#### 6 poles



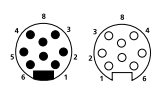
1 = orange  
2 = blue  
3 = black  
4 = white  
5 = red  
6 = green

#### 7 poles



1 = white/black  
2 = black  
3 = white  
4 = red  
5 = orange  
6 = blue  
7 = green

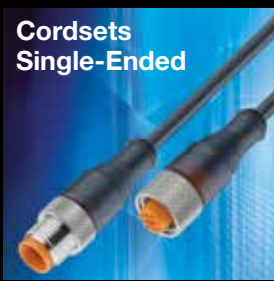
#### 8 poles



1 = orange  
2 = blue  
3 = white/black  
4 = black  
5 = white  
6 = red  
7 = green  
8 = red/black

# Be Certain with Belden

## Cordsets Single-Ended



Cordsets  
Single-Ended

### Mini, 1"-Round-Plug Connector, Single-Ended Cordsets, US Color Code RS 601B...801M | RK 60B...80M

#### Technical Data

##### Environmental

Degree of protection IP 67 / NEMA 6P  
Operating temperature range -40°C (-40°F) / +90°C (194°F)

##### Mechanical

Housing / Molded body TPU, yellow  
Insert TPU, yellow  
Contact CuZn, gold over silver plated  
Coupling nut Aluminum, anodized black

##### Electrical

Current rating 6 and 7 pole: 8 A  
8 pole: 7 A  
Voltage rating 600 V

#### Cable Specifications - US Color Code

| Cable No. | Outer Jacket | Gauge | Jacket Color | OD              | Temperature Rating              | Agency Approvals    |
|-----------|--------------|-------|--------------|-----------------|---------------------------------|---------------------|
| 696       | PVC          | 16AWG | Yellow       | .560" (14.2 mm) | -40°C (-40°F) to +105°C (221°F) | UL: STOW / CSA: STO |
| 622       | PVC          | 16AWG | Yellow       | .560" (14.2 mm) | -40°C (-40°F) to +105°C (221°F) | UL: STOW / CSA: STO |
| 698       | PVC          | 16AWG | Yellow       | .585" (14.9 mm) | -40°C (-40°F) to +105°C (221°F) | UL: STOW / CSA: STO |

| Part Number                      | Pins | Outer Jacket | Standard Cable Lengths          | Characteristics                                                                       |
|----------------------------------|------|--------------|---------------------------------|---------------------------------------------------------------------------------------|
| RS 601B-696/...F RK 60B-696/...F | 6    | PVC          | 6 F / 12 F / 15 F / 20 F / 30 F |  |
| RS 701M-622/...F RK 70M-622/...F | 7    | PVC          | 6 F / 12 F / 15 F / 20 F / 30 F |  |
| RS 801M-698/...F RK 80M-698/...F | 8    | PVC          | 6 F / 12 F / 15 F / 20 F / 30 F |  |