

## Mini, 1 1/8"-Round-Plug Connector, Single-Ended Cordsets, US Color Code

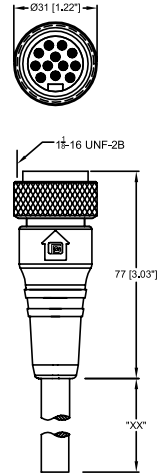
RS 901M...1201M | RK 90M...120M



### 9-, 10-, and 12-Poles

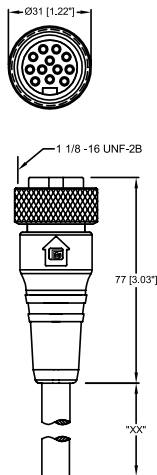
Mini, 1 1/8" single-ended cordsets, male straight, 9-, 10-, and 12-poles with internal threads and molded PUR or TPE cable, US color code.

RS



Mini, 1 1/8" single-ended cordsets, female straight, 9-, 10-, and 12-poles with internal threads and molded PUR or TPE cable, US color code.

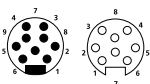
RK



### Pin Assignments

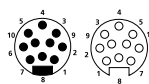
#### Mini, 1 1/8" - Male / Female

##### 9 poles



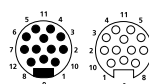
- 1 = orange
- 2 = blue
- 3 = red/black
- 4 = green/black
- 5 = white
- 6 = red
- 7 = green
- 8 = white/black
- 9 = black

##### 10 poles



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

##### 12 poles



- 1 = orange
- 2 = blue
- 3 = white/black
- 4 = red/black
- 5 = green/black
- 6 = orange/black
- 7 = blue/black
- 8 = black/white
- 9 = green
- 10 = red
- 11 = white
- 12 = black

# Be Certain with Belden

**Cordsets  
Single-Ended**



Cordsets  
Single-Ended

## Mini, 1 1/8"-Round-Plug Connector, Single-Ended Cordsets, US Color Code RS 901M...1201M | RK 90M...120M

### 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 9-10 pole: 7 A  
12 pole: 5 A  
Voltage rating 300 V

### Cable Specifications - US Color Code

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Temperature Rating	Agency Approvals
651	PUR	18AWG	Yellow	.313" (8.0 mm)	-40°C (-40°F) to +80°C (176°F)	UL: AWM 20233 / CSA: AWM I/II A/B
652	PUR	18AWG	Yellow	.340" (8.6 mm)	-40°C (-40°F) to +80°C (176°F)	UL: AWM 20233 / CSA: AWM I/II A/B
654	PUR	18AWG	Yellow	.354" (9.0 mm)	-40°C (-40°F) to +80°C (176°F)	UL: AWM 20233 / CSA: AWM I/II A/B
751	TPE	18AWG	Yellow	.381" (9.7 mm)	-40°C (-40°F) to +90°C (194°F)	UL: PLTC
752	TPE	18AWG	Yellow	.380" (9.7 mm)	-40°C (-40°F) to +90°C (194°F)	UL: PLTC

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RS 901M-651/...F    RK 90M-651/...F	9	PUR	6 F / 12 F / 15 F / 20 F / 30 F	
RS 901M-751/...M    RK 90M-751/...M	9	TPE	1 M / 2 M / 3 M / 5 M / 10 M / 20 M	
RS 1001M-652/...F    RK 100M-652/...F	10	PUR	6 F / 12 F / 15 F / 20 F / 30 F	
RS 1001M-752/...M    RK 100M-752/...M	10	TPE	1 M / 2 M / 3 M / 5 M / 10 M / 20 M	
RS 1201M-654/...F    RK 120M-654/...F	12	PUR	6 F / 12 F / 15 F / 20 F / 30 F	