

Mini, 7/8"-Round-Plug Connector, Single-Ended Cordsets, IEC Color Code

RS 20...50 | RK 20...50



2-, 3-, 4-, and 5-Poles

RS

Mini, 7/8" single-ended cordsets, male straight, 2-, 3-, 4-, and 5-poles with external threads and molded cable, IEC color code.



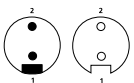
Mini, 7/8" single-ended cordsets, female straight, 2-, 3-, 4-, and 5-poles with internal threads and molded cable, IEC color code.

RK

Pin Assignments

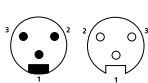
Mini, 7/8" - Male / Female

2 poles



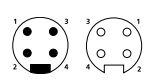
1 = brown
2 = blue

3 poles



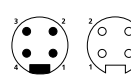
1 = black
2 = brown
3 = blue

4 poles



Euro standard wiring
for active I/O modules

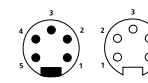
1 = brown
2 = white
3 = blue
4 = black



Standard wiring for
general US market

1 = black
2 = blue
3 = brown
4 = white

5 poles



1 = black
2 = blue
3 = yellow w/green tr.
4 = brown
5 = white

Be Certain with Belden



**Cordsets
Single-Ended**

Cordsets
Single-Ended

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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 2-3 pole: 8 A
4-5 pole: 5.6 A
Voltage rating 300 V

Cable Specifications - IEC Color Code

| Cable No. | Outer Jacket | Gauge | Jacket Color | OD | Temperature Rating | Agency Approvals |
|--|--------------|-------|--------------|----------------|---------------------------------|-----------------------------------|
| 603 | PVC | 18AWG | Yellow | .290" (7.4 mm) | -40°C (-40°F) to +105°C (221°F) | UL: AWM 2661 / CSA: AWM I/II A/B |
| 731 | TPE | 18AWG | Yellow | .284" (7.2 mm) | -50°C (-58°F) to +90°C (194°F) | UL: PLTC / CSA: AWM I/II A/B |
| 645 | PUR | 18AWG | Yellow | .220" (5.6 mm) | -40°C (-40°F) to +80°C (176°F) | UL: AWM 20233 / CSA: AWM I/II A/B |
| 637 | TPE | 18AWG | Yellow | .280" (7.1 mm) | -25°C (-40°F) to +105°C (221°F) | UL: PLTC / CSA: AWM I/II A/B |
| 602 | PUR | 18AWG | Yellow | .230" (5.8 mm) | -40°C (-40°F) to +80°C (176°F) | UL: AWM 20233 / CSA: AWM I/II A/B |
| Continuous flex rating and suitable for general C-track usage. 1 million cycles at minimum bend radius 10X cable diameter. | | | | | | |
| 794 | TPE | 18AWG | Yellow | .304" (7.7 mm) | -50°C (-58°F) to +90°C (194°F) | UL: PLTC / CSA: AWM I/II A/B |

| Part Number | Pins | Outer Jacket | Standard Cable Lengths | Characteristics |
|----------------------------------|------|--------------|---------------------------------|-----------------|
| RS 20-603/...M RK 20-603/...M | 2 | PVC | 2 M / 5 M / 10 M | |
| RS 30-731/...F RK 30-731/...F | 3 | TPE | 6 F / 12 F / 15 F / 20 F / 30 F | |
| RS 30-645/...M RK 30-645/...M | | PUR | 2 M / 5 M / 10 M | |
| RS 40-637/...F RK 40-637/...F | 4 | TPE | 6 F / 12 F / 15 F / 20 F / 30 F | |
| RS 40-602/...M RK 40-602/...M | | PUR | 2 M / 5 M / 10 M | |
| RS 50-794/...F RK 50-794/...F | 5 | TPE | 6 F / 12 F / 15 F / 20 F / 30 F | |

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