

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

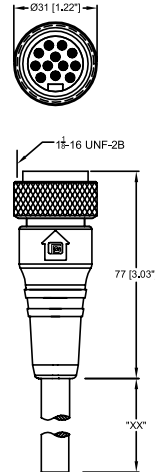
RS 901M...1201M | RK 90M...120M



9-, 10- and 12-Poles

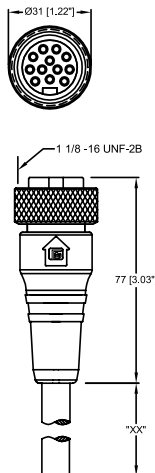
Mini, 1 1/8" single-ended cordsets, male straight, 9-, 10-, 12-poles with internal threads and molded PVC or TPE cable, US color code.

RS



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

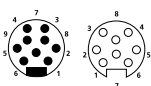
RK



Pin Assignments

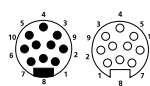
Mini, 1 1/8" - Male / Female

9 poles



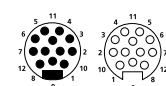
- 1 = orange
- 2 = blue
- 3 = red/black
- 4 = green/black
- 5 = white
- 6 = red
- 7 = green
- 8 = white/black
- 9 = black

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 600 V

Cable Specifications - US Color Code

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Temperature Rating	Agency Approvals
623	PVC	16AWG	Yellow	.660" (16.8 mm)	-40°C (-40°F) to +90°C (194°F)	UL: STOW / CSA: AWM I/II A/B
699	PVC	16AWG	Yellow	.660" (16.8 mm)	-40°C (-40°F) to +90°C (194°F)	UL: STOW / CSA: AWM I/II A/B
724	TPE	16AWG	Yellow	.690" (17.5 mm)	-50°C (-58°F) to +90°C (194°F)	UL: SE00W / CSA: STOW

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RS 901M-623/...F RK 90M-623/...F	9	PVC	6 F / 12 F / 15 F / 20 F / 30 F	  
RS 1001M-699/...F RK 100M-699/...F	10	PVC	6 F / 12 F / 15 F / 20 F / 30 F	  
RS 1201M-724/...F RK 120M-724/...F	12	TPE	6 F / 12 F / 15 F / 20 F / 30 F	  

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

[RS 1201M-724/6F](#) [RS 901M-623/12F](#) [RS 1001M-699/20F](#) [RS 1001M-699/12F](#) [RS 1201M-724/30F](#) [RS 1001M-699/6F](#) [RS 901M-623/30F](#) [RS 1201M-724/20F](#) [RS 1001M-699/25F](#) [RS 901M-623/15F](#) [RS 1201M-724/15F](#) [RS 901M-623/20F](#) [RS 1201M-724/12F](#) [RS 901M-623/6F](#) [RS 1001M-699/15F](#) [RS 1001M-699/30F](#)