

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

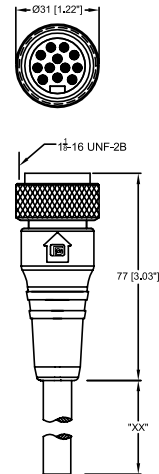
RS 901M...1201M | RK 90M...120M



9-, 10-, and 12-Poles

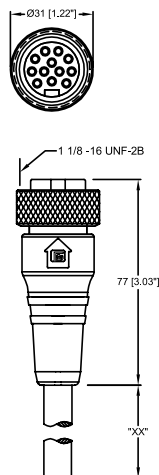
Mini, 1 1/8" single-ended cordsets, male straight, 9-, 10-, and 12-poles with internal threads and molded PUR or TPE cable, US color code.

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.

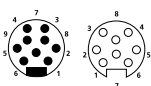
RK



Pin Assignments

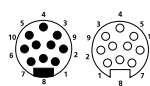
Mini, 1 1/8" - Male / Female

9 poles



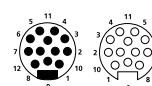
- 1 = orange
- 2 = blue
- 3 = red/black
- 4 = green/black
- 5 = white
- 6 = red
- 7 = green
- 8 = white/black
- 9 = black

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	  

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

[RK 90M-751/10M](#) [RK 90M-751/31M](#) [RK 90M-751/60F](#) [RK 90M-651/12F](#) [RK 90M-651/15F](#) [RK 90M-651/20F](#) [RK 100M-652/6F](#) [RK 100M-652/75F](#) [RK 100M-652/80F](#) [RK 100M-652/25F](#) [RK 100M-652/30F](#) [RK 100M-652/40F](#) [RK 100M-652/50F](#) [RK 100M-652/60F](#) [RK 100M-652/65F](#) [RK 120M-654/3F](#) [RK 120M-654/6F](#) [RK 100M-652/100F](#) [RK 100M-652/12F](#) [RK 100M-652/15F](#) [RK 100M-652/20F](#) [RK 120M-654/60F](#) [RK 120M-654/12F](#) [RK 120M-654/15F](#) [RK 120M-654/20F](#) [RK 120M-654/25F](#) [RK 120M-654/30F](#) [RK 100M-752/20M](#) [RK 100M-752/2M](#) [RK 100M-752/3M](#) [RK 100M-752/5M](#) [RK 100M-752/6M](#) [RK 120M-654/26F](#) [RK 90M-751/20F](#) [RK 90M-751/30F](#) [RK 90M-751/5M](#) [RK 100M-652/30M](#) [RK 100M-752/10M](#) [RK 100M-752/1M](#) [RK 90M-651/30F](#) [RK 90M-651/40F](#) [RK 90M-651/50F](#) [RK 90M-651/60F](#) [RK 90M-651/6F](#) [RK 90M-751/12F](#)