

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

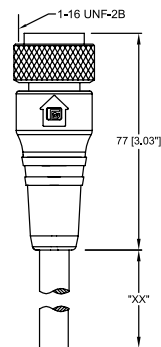
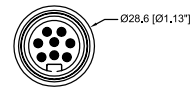
RS 601B...801M | RK 60B...80M



6-, 7-, and 8-Poles

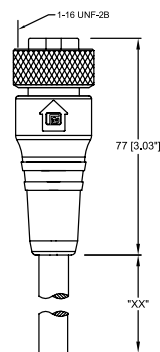
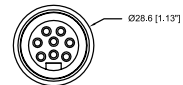
Mini, 1" single-ended cordsets, male straight, 6-, 7-, and 8-poles with internal threads and molded PVC cable, US color code.

RS



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

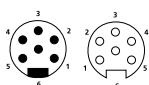
RK



Pin Assignments

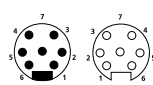
Mini, 1" - Male / Female

6 poles



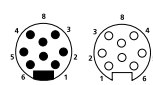
1 = orange
2 = blue
3 = black
4 = white
5 = red
6 = green

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	

Mouser Electronics

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Lumberg Automation:

[RS 601B-696/12F](#) [RS 701M-622/15F](#) [RS 701M-622/20F](#) [RS 801M-698/12F](#) [RS 801M-698/15F](#) [RS 601B-696/6F](#)
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[601B-696/3F](#) [RS 801M-698/20F](#) [RS 801M-698/6F](#) [RS 701M-622/12F](#)