

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

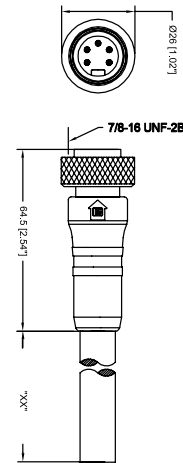
RS 301...501 | RK 30...50



3- and 5-Poles

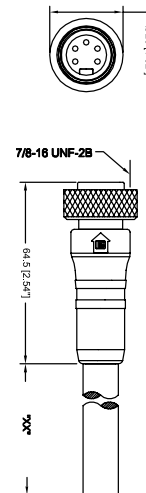
Mini, 7/8" single-ended cordsets, male straight, 3- and 5-poles with internal threads and molded cable, Automotive color code.

RS



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

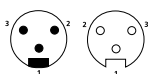
RK



Pin Assignments

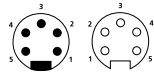
Mini, 7/8" - Male / Female

3 poles



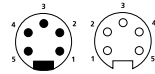
- 1 = green
- 2 = red w/black tr.
- 3 = red w/white tr.

5 poles (742)



- 1 = red w/white tr.
- 2 = red
- 3 = green
- 4 = red w/orange tr.
- 5 = red w/black tr.

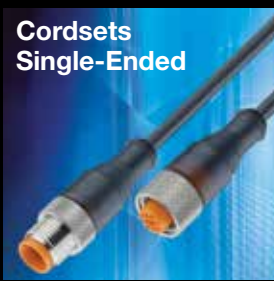
5 poles (755)



- 1 = red w/white tr.
- 2 = red
- 3 = green
- 4 = red w/yellow tr.
- 5 = red w/black tr.

Be Certain with Belden

**Cordsets
Single-Ended**



**Cordsets
Single-Ended**

Mini, 7/8"-Round-Plug Connector, Single-Ended Cordsets, Automotive Color Code RS 301...501 | RK 30...50

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 688/741/742: 8 A
755: 5.6 A
Voltage rating 741/742: 600 V
688/755: 300 V

Cable Specifications - Automotive Color Code

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Temperature Rating	Agency Approvals
688	PVC	18AWG	Yellow	.290" (7.4 mm)	-40°C (-40°F) to +105°C (221°F)	UL: AWM2661
741	TPE	16AWG	Yellow	.390" (9.9 mm)	-40°C (-40°F) to +105°C (221°F)	UL: SE00W / CSA: ST00W
742	TPE	16AWG	Yellow	.495" (12.6 mm)	-40°C (-40°F) to +105°C (221°F)	UL: SE00W / CSA: ST00W
755	TPE	18AWG	Yellow	.333" (8.5 mm)	-40°C (-40°F) to +90°C (194°F)	UL: PLTC / CSA: AWM I/II, A/B

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RS 301-688/...F RK 30-688/...F	3	PVC	6 F / 12 F / 15 F / 20 F / 30 F	  
RS 301-741/...F RK 30-741/...F	3	TPE	6 F / 12 F / 15 F / 20 F / 30 F	   
RS 501-742/...F RK 50-742/...F	5	TPE	6 F / 12 F / 15 F / 20 F / 30 F	   
RS 501-755/...F RK 50-755/...F	5	TPE	6 F / 12 F / 15 F / 20 F / 30 F	   

Mouser Electronics

Authorized Distributor

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