



M23-Round-Plug Connector, Single-Ended Cordsets

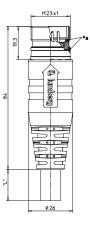
RSUF I RKU I RKUE



12- and 19-Poles

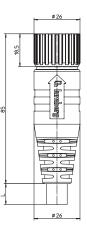
M23 cordsets, single ended, male straight connector, 12- and 19-poles with threaded joint, external threads and molded cable.

RSUF



M23 cordsets, single ended, female straight connector, 12- and 19-poles with threaded joint, internal threads and molded cable.

RKU/RKUE





Pin Assignments

M23 - Male / Female

12 poles





19 poles





1 = violet 2 = red 3 = grey 4 = red/blue 5 = green 6 = blue 7 = grey/pink 8 = white/green 10 = white/grey 11 = black 12 = yellow/green 13 = yellow/green 15 = white 16 = yellow 17 = pink 18 = grey/brown 19 = brown



Be Certain with Belden



M23-Round-Plug Connector, Single-Ended Cordsets

RSUF | RKU | RKUE

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P

Operating temperature range -25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body TPU, self-extinguishing

Insert PBT

CuZn, pre-nickeled and Contact

0.8 microns gold-plated

Coupling nut CuZn, nickel-plated

Electrical

Nominal voltage

Contact resistance \leq 5 m Ω Nominal current at 40°C 12 poles 8 A

19 poles 8 A pin Ø 1 mm,

10 A pin Ø 1.5 mm

12 poles 240 V

19 poles 120 V

12 poles 250 V

Rated voltage 19 poles 125 V

Test voltage 12 poles 2.5 kV eff./ 60 s

19 poles 1.5 kV eff./ 60 s

Insulation resistance $> 10^9 \, \Omega$

Pollution degree

Cable Specifications

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Agency Approvals
256	PUR, halogen-free	18AWG	Black	8 x 0.50mm ²	UL: AWM 21198 / CSA: AWM I/II A/B
				3 x 1.00mm ²	
242	PUR, halogen-free	18AWG	Black	3 x 1.00mm ²	UL: AWM 21198 / CSA: AWM I/II A/B
				16 x 0.50mm ²	

Part Number		Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RSUF 12-256/M	RKU 12-256/M	12	PUR, halogen-free	5 M / 10 M / 15 M / 20 M	
RSUF 19-242/M	RKU 19-242/M	19	PUR, halogen-free	5 M / 10 M / 15 M / 20 M	
	RKUE 19-242/M		PUR, halogen-free	5 M / 10 M / 15 M / 20 M	