

M23 Field Attachable Connectors

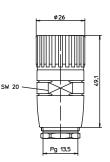
RKC.../13.5 | RKCW...13.5



Female, 12- and 19-Pole

Field attachable connector, M23 male connector 12- and 19-pole with threaded joint, external thread, assembling with solder connections.

RKC.../13.5

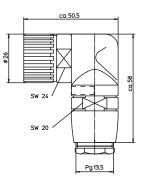




Female, 12- and 19-Pole

Field attachable connector, M23 male connector 12- and 19-pole, right angle with threaded joint, external thread, assembling with solder connections.

RKCW...13.5



Pin Assignments

M23 - Male

12 poles



19 poles



Field Attachable Connectors

Be Certain with Belden



M23 Field Attachable Connectors

RKC.../13.5 | RKCW...13.5

Technical Data

Environmental

Degree of protection IP 67

Operating temperature range -40°C (-40°F) / +125°C (+257°F)

Mechanical

Housing / Molded body CuZn, nickel-plated

Insert PBT GF

Contact CuZn, pre-nickeled and

0.8 microns gold-plated

Receptacle shell CuZn, nickel-plated

O-ring FKM

Mode of connection solder connection Connectable conductor max. 1.0 mm²

Electrical

 $\begin{array}{ll} \mbox{Contact resistance} & \leq 5 \mbox{ m} \Omega \\ \mbox{Nominal current at } 40 \mbox{°C} & 12 \mbox{ poles } 7.5 \mbox{ A} \\ \end{array}$

19 poles 7.5 A pin Ø 1 mm,10 A pin Ø 1.5 mm

Nominal voltage 12 poles 240 V

19 poles 120 V

Rated voltage 12 poles 250 V

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 3

Part Number		Pins	Cable Diameter Range	Characteristics
Female	Female 90°			
RKC 120/13.5	RKCW 120/13.5	12	Ø 10.0 - 14.0 mm	
RKC 190/13.5	RKCW 190/13.5	19	Ø 10.0 - 14.0 mm	