

## 301-KAPM-100



**Radiation resistant cable High flexible for medium current application**

**Up to 300°C**

**This cable is the biggest cable for Standard Sub-D pins.**

(High current pins can be used with 301-KAPM-130)

Conductor:

Silver plated copper conductor, multi strand  
19 x 0.2mm

18 AWG 19/32

Diameter

1.0mm

Area

0.608mm<sup>2</sup>

Resistivity @20°C

30 Ohm/km

Insulation

Kapton

Total Diameter

1.2 mm (+/- 0.15)

Voltage rating

7.5KV DC (in vacuum)

Disruptive discharge Voltage

>14 KV DC

Max. temperature

300°C

Radiation resistant up to

1000 Mrad

Weight

~ 4 g/m

Vacuum Level

typ. 10<sup>-12</sup>mbar is achievable

Typical values for current

Room Temperature ~ 9A

up to 250°C ~ 8A

up to 280°C ~ 5.7A

up to 290°C ~ 4.5A

The maximum current is dependant on the installation, above values are typical calculated values for single wires, not covered.

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