

301-KAPM-130



**Radiation resistant cable High flexible for medium current application
Up to 300°C
This cable is the recommended cable for High Current Sub-D applications.**



Conductor: Silver plated copper conductor, multi strand 19 x 0.25mm	16 AWG 19/30
Diameter	1.3mm
Area	0.969mm ²
Resistivity @20°C	18 Ohm/km
Insulation	Kapton
Total Diameter	1.5 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	~ 5 g/m
Vacuum Level	typ. 10 ⁻¹² mbar is achievable

Typical values for current

Room Temperature	~ 12A
up to 250°C	~ 10.5A
up to 280°C	~ 7.5A
up to 290°C	~ 6A

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

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