

301-KAPM-035



Radiation resistant cable High flexible for medium current application
Up to 300°C
This cable is also used for our ribbon cable

Conductor:	
Silver plated copper conductor, multi strand	
7 x 0.12mm	~28AWG 7/36
Diameter	0.35mm
Area	0.08mm ²
Resistivity @20°C	225 Ohm/km
Insulation	Kapton
Total Diameter	~ 0.66 mm
Voltage rating	7.5KV DC (in vacuum)
Disruptive discharge Voltage	>14 KV DC
Max. temperature	300°C
Radiation resistant up to	1000 Mrad
Weight	~ 2 g/m
Vacuum Level	typ. 10 ⁻¹² mbar is achievable

Typical values for current

Room Temperature	~ 1A
up to 250°C	~ 0.9A
up to 280°C	~ 0,6 A
up to 290°C	~ 0.5A

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

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