

## KAP301 - Radiation Resistant, High Temperature Kapton Wires

With the KAP301 wires series, Allectra offers special radiation resistant Kapton insulated wires.

The quality of these KAP301 cables is improved, the cables are <u>halogen free</u> and can be used up to 300°C, even in radiation environments.

Specifications	
Vacuum	UHV (<10 <sup>-10</sup> mbar)
Radiation Resistance	$10^{9} \text{ Rad} = 10^{7} \text{ Gy}$
Temperature Range	4K 300°C
Construction	Wrapped Wire insulation, Kapton, Halogen free
Min. Bend radius	7.5 x diameter (long term, at room temp.)
Typ. Voltage Rating	7.5KV DC in vacuum (see datasheet of individual wire)

These cables are offered on spools with 5m / 10m / 50m / 100m or custom lengths.

A full list of all UHV cables is available!

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