

## KAP301 - Radiation Resistant, High Temperature Kapton Wires

**KAP  
301**

With the KAP301 wires series, Allectra offers special radiation resistant Kapton insulated wires. The quality of these KAP301 cables is improved, the cables are halogen free and can be used up to 300°C, even in radiation environments.

Specifications	
Vacuum	UHV ( $<10^{-10}$ mbar)
Radiation Resistance	$10^9$ Rad = $10^7$ 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!

