

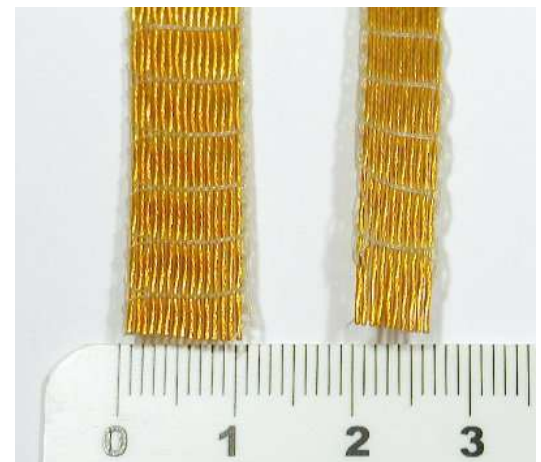
## Kapton Ribbon Cable for UHV

For in-vacuum applications with multi pin connections, Ribbon Cable is a convenient method for safe and easy handling of multiple connections. Ribbon Cable is particularly suitable for use with Sub-D feedthroughs and connectors.

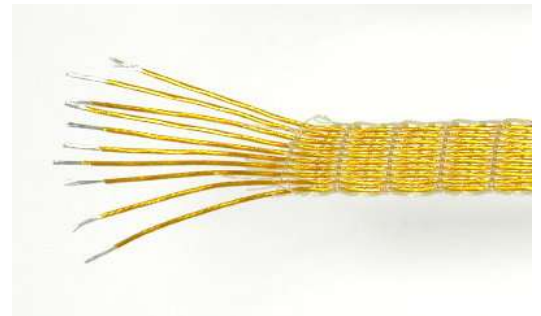
Allectra Ribbon Cable is designed with space restrictions of vacuum systems in mind and takes up less space than standard air ribbons. We offer 10 way and 15 way cables which may be combined for use with 25 ,37 or 50 way feedthroughs.

Demountable in-vacuum connectors are also available either for high vacuum or for UHV use.

Construction	Multi strand 7x0.12mm, Copper, Silver plated
Insulation	Kapton, woven with PEEK
Conductor	total 0.08mm <sup>2</sup> , AWG28
Total diameter	0.5mm incl. Insulation
Vacuum:	10 <sup>-11</sup> mbar
Bake:	250°C
Voltage	600V
Current	~1A (depending on installation)
Bend radius	3mm non-flexing ~10mm flexing
Total width	
10 wires	~8mm
15 wires	~11mm
Part Codes	
10 wires, 1m	311-KAP-RIB10-1000
15 wires, 1m	311-KAP-RIB15-1000
25 wires, 1m	311-KAP-RIB25-1000 (10 + 15 wires)



15- and 10-strand ribbon cable



The asymmetric weave labels one edge of the cable and enables convenient identification of the 1<sup>st</sup> wire.