

Title: Kapton Twisted Pair Cables for UHV

Issue No.: 1 File: kaptonpair_en_1



page 1

Kapton Twisted Pair Cables for UHV



Shielded twisted pair cable, 1 pair

Allectra offers two versions of shielded twisted pair cables with one and two pairs.

	1 pair	2 pairs
Construction	Multi strand 19x 0,12mm copper, silver plated, insulated, shield, insulation	
Shielding	Copper, silver plated	
Insulation	Kapton	
Conductors	2x AWG 25 (0.15mm ²)	4x AWG 25 (0.15mm ²)
Colour codes	natural / red	natural / red and natural / green
Diameter	Total ~1,7mm Conductors ~0.6mm	Total ~2,2mm Conductors ~0.6mm
Bend Radius min.	7mm (non-flexing)	7mm (non-flexing)
Voltage	600V	
Current	~2A	
Max. Temperature	260°C	
Vacuum	UHV (10 ⁻¹¹ mbar)	

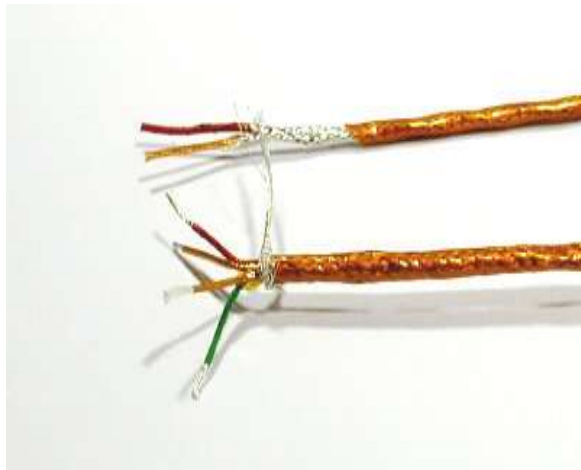
These cables are ideal for signals which need the protection of an earthed enclosure e.g. Limit switch outputs.

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page 2



Twisted pair cables with one and two pairs

Ideal for stepper motors, these shielded wires help to avoid interference with other electronic devices. Frequently used chopper drivers create a significant amount of electrical noise.

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