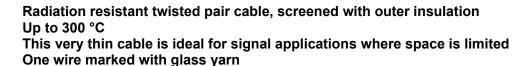
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Conductor Silver plated copper conductor, multi strand 2 conductors 7 x 0.08 mm 32AWG 7/40 Conductor Diameter 0.24 mm 0.035 mm² Area Resistivity @20 °C 548 Ohm/km ~20 mm lay Twisted Pair, one wire marked with glass yarn Insulation Kapton **Overall Diameter** 1.5 (+/-0.15) mm Diameter without screen ~1 mm Screen: Silver plated copper, coverage >85% 5 kV DC (in vacuum) Voltage rating Disruptive discharge Voltage >10 kV DC Min. Temperature 4 K 300 °C Max. Temperature Weight ~4 g/m Vacuum Level typ. 10^{-12} mbar is achievable Capacitance: ~77 pF/m Conductor-Conductor Conductor-Screen ~140 pF/m Impedance ~83 Ohm (calculated value) Typical values for current per conductor: **Room Temperature** ~ 0.5 A up to 250 °C ~ 0.4 A up to 280 °C ~ 0.3 A up to 290 °C ~ 0.2 A

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

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File: 301-KAPM-025-PAIR1 Last revised 2024-07-03

All data given in this sheet are carefully checked but subject to change at any time.

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