

KAPTON INSULATED - 316°C



SPECIFICATIONS:

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|------------------------|--|
| Conductor | : Solid, Multistranded Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1. |
| Insulation | : Kapton Insulated, Temp. Saturated. |
| Construction | : Twisted Conductors. |
| Operating Temp. | : 316°C. |
| Limits of Error | : According to ANSI MC 96.1/IEC-584. |
| Colour Code | : According to ANSI MC 96.1. |

FEATURES:

- 1) Max. Temp. Up to 316°C.
- 2) Excellent Heat Resistant.
- 3) Good Moisture & Chemical Resistance.
- 4) High mechanical Strain.
- 5) Excellent Abrasion Resistance.

AVAILABLE OPTIONS:

- 1) Metal Over braids.
- 2) Fiberglass Over braided.
- 3) Special Colour Code
- 4) Calibration Test Report.

APPLICATIONS:

- 1) Power Plants.
- 2) Kilns.
- 3) Petroleum Plant.
- 4) Cryogenic Application.
- 5) Use for High Temp. In a Dry.

Table - 1 : Geometrical Data

| CABLE ORDERING CODE | NO. OF STRANDS | STRAND DIAMETER (mm) | AREA OF CONDUCTOR (sqmm) | BARE CONDUCTOR DIA.(mm) | TWISTED | CABLE DIMENSION (mm) (MAX.) | CABLE WT. (APPX.) gm/meter |
|---------------------|----------------|----------------------|--------------------------|-------------------------|---------|-----------------------------|----------------------------|
| K101 | 1 | 0.20 | 0.03 | 0.20 | TWISTED | 1.0 | 1.6 |
| K102 | 1 | 0.30 | 0.07 | 0.30 | TWISTED | 1.2 | 2.5 |
| K103 | 1 | 0.51 | 0.20 | 0.51 | TWISTED | 1.6 | 5.2 |
| K104 | 7 | 0.20 | 0.22 | 0.59 | TWISTED | 1.8 | 5.9 |
| K105 | 1 | 0.81 | 0.50 | 0.81 | TWISTED | 2.2 | 11.5 |

These are some standard cables, however we can offer as per your specific requirement also

