

KAPTON – KAPTON INSULATED - 316°C



SPECIFICATIONS:

Conductor	: Solid, Multistranded Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1.
Insulation	: Kapton Insulated, Temp. Saturated.
Construction	: Parallel Conductors, Twisted Conductors.
Outer Jacket	: Kapton tap.
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 Electrical & Mechanical.
- 3) Outstanding Insulating properties.
- 4) Good Thermal stability.
- 5) High Tensile Strength.
- 6) High Elasticity.

AVAILABLE OPTIONS:

- 1) Metal Over braids.
- 2) Armoured.
- 3) Twisted/Shielded Pair.
- 4) Special Colour Code
- 5) Calibration Test Report.

APPLICATIONS:



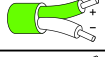
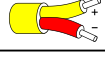
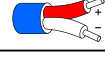






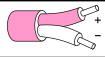
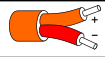

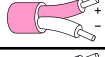


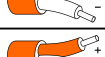





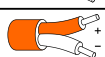

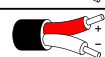
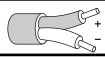
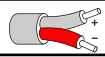
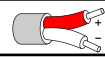
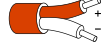






- 1) Automotive Industry.
- 2) Aerospace Industries.
- 3) Flexible Printed Circuit.
- 4) Photovoltaics

Table - 1 : Geometrical Data

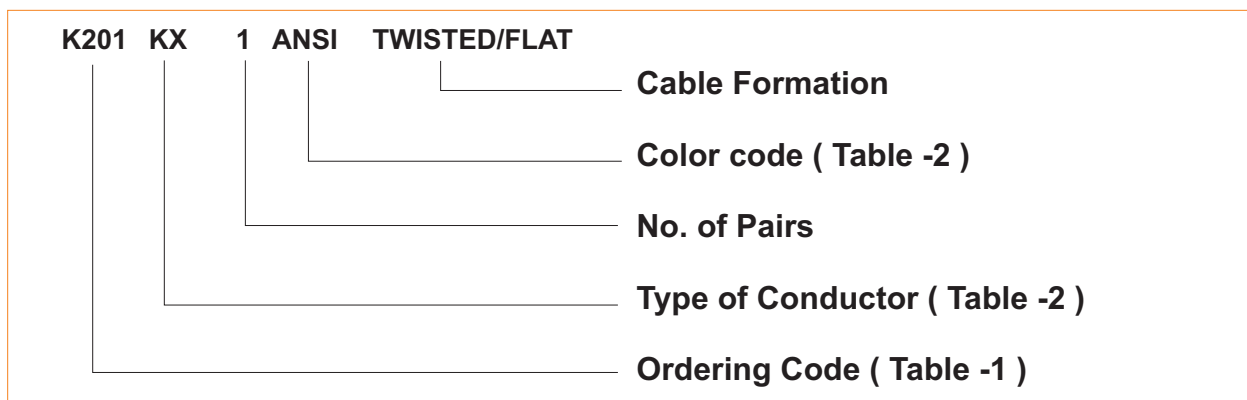
CABLE ORDERING CODE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (sqmm)	BARE CONDUCTOR DIA.(mm)	TWISTED OR FLAT	CABLE DIMENSION (mm) (MAX.)	CABLE WT. (APPX.) gm/meter
K201	1	0.30	0.07	0.30	T / F	1.5	3.9
K202	1	0.51	0.20	0.51	T / F	1.9	6.9
K203	7	0.20	0.22	0.59	T / F	2.1	7.5
K204	1	0.81	0.50	0.81	T / F	2.5	14.0
K206	7	0.30	0.50	0.90	T / F	2.7	15.0

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

COLOUR CODE OF THERMOCOUPLE EXTENSION AND COMPENSATING CABLES

THERMOCOUPLE CONDUCTOR COMBINATION TYPE	CONDUCTOR		IEC	ANSI	JIS	TOLERANCE CLASS		CABLE TEMPERATURE RANGE °C
	EXTENSION CABLE	COMPENSATING CABLE	INTERNATIONAL COLOUR CODE TO IEC 5843:1989	AMERICAN TO ANSI/MC96.1 	JAPANESE TO JIS C 1610-1981 	1	2	
K	KX					±60µV (±1.5°C)	±100µV (±2.5°C)	-25°C TO +200°C
		KCA					±100µV (±2.5°C)	-0°C TO +150°C
		KCB					±100µV (±2.5°C)	-0°C TO +100°C
T	TX					±30µV (±0.5°C)	±60µV (±1.0°C)	-25°C TO +100°C
J	JX					±85µV (±1.5°C)	±140µV (±2.5°C)	-25°C TO +200°C
N	NX					±60µV (±1.5°C)	±100µV (±2.5°C)	-25°C TO +200°C
		NC					±100µV (±2.5°C)	-0°C TO +150°C
E	EX					±120µV (±1.5°C)	±200µV (±2.5°C)	-25°C TO +200°C
R		RCA					±30µV (±2.5°C)	0°C TO +100°C
		RCB					±60µV (±5.0°C)	0°C TO +200°C
S		SCA					±30µV (±2.5°C)	0°C TO +100°C
		SCB					±60µV (±5.0°C)	0°C TO +200°C
B		BC						
C		CC						0°C TO +110°C

ORDERING CODE



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