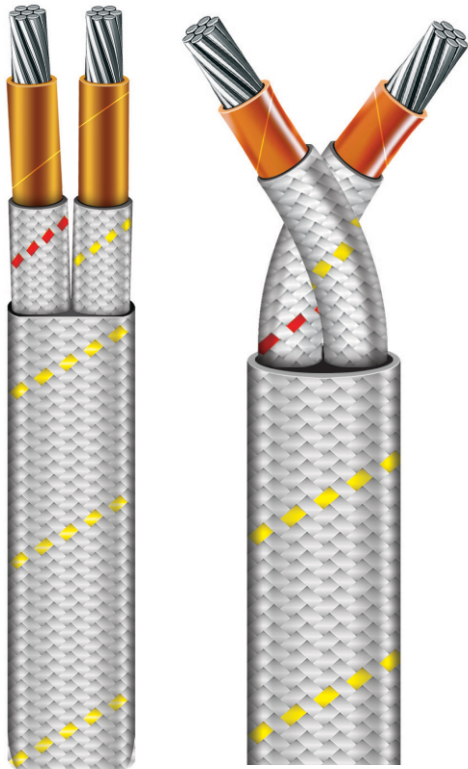


## KAPTON – FIBRE GLASS-FIBRE GLASS INSULATED - 500°C



### SPECIFICATIONS:

<b>Conductor</b>	: Solid, Multistranded Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1.
<b>Insulation</b>	: Kapton-Fiber glass Insulated, High Temp. Saturated.
<b>Construction</b>	: Parallel Conductors, Twisted Conductors.
<b>Outer Jacket</b>	: Fiber Glass With Silico Varnish.
<b>Operating Temp.</b>	: 500°C.
<b>Limits of Error</b>	: According to ANSI MC 96.1/IEC-584.
<b>Colour Code</b>	: According to ANSI MC 96.1.

### FEATURES:

- 1) Max. Temp. Up to 500°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) Photovoltaic.

**Table - 1 : Geometrical Data**

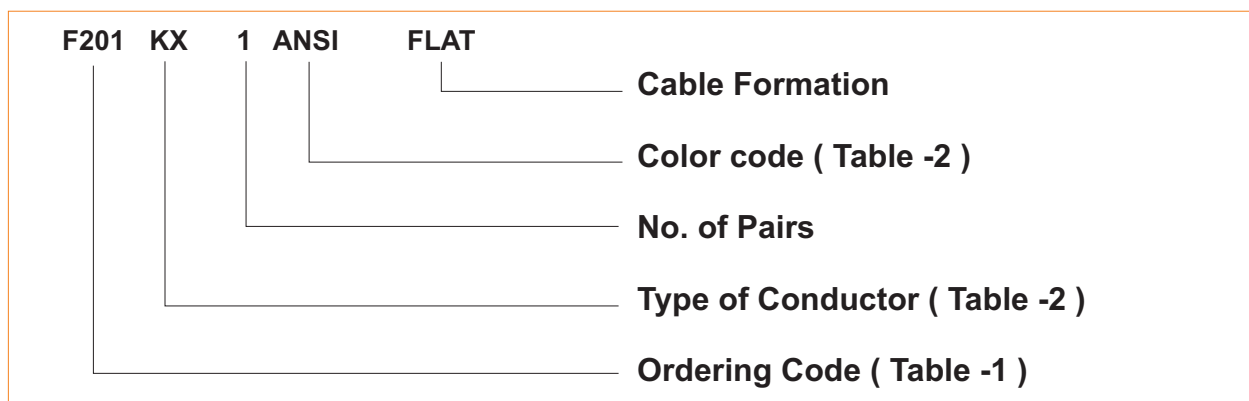
CABLE ORDERING CODE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (sqmm)	BARE CONDUCTOR DIA.(mm)	FLAT	CABLE DIMENSION (mm) (MAX.)	CABLE WT. (APPX.) gm/meter
F201	1	0.51	0.20	0.51	FLAT	3.2	12.0
F202	7	0.20	0.22	0.60	FLAT	3.4	13.0
F203	7	0.30	0.50	0.89	FLAT	4.0	22.0
F204	1	0.81	0.50	0.81	FLAT	3.8	22.0
F205	24	0.20	0.75	1.12	FLAT	4.6	30.0
F206	1	1.02	0.81	1.02	FLAT	4.4	30.0
F207	32	0.20	1.00	1.27	FLAT	5.0	37.0
F208	40	0.20	1.25	1.43	FLAT	5.6	45.0
F210	21	0.30	1.50	1.55	FLAT	6.0	58.0

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	
<b>K</b>	<b>KX</b>					±60µV (±1.5°C)	±100µV (±2.5°C)	-25°C TO +200°C
		<b>KCA</b>					±100µV (±2.5°C)	-0°C TO +150°C
		<b>KCB</b>					±100µV (±2.5°C)	-0°C TO +100°C
<b>T</b>	<b>TX</b>					±30µV (±0.5°C)	±60µV (±1.0°C)	-25°C TO +100°C
<b>J</b>	<b>JX</b>					±85µV (±1.5°C)	±140µV (±2.5°C)	-25°C TO +200°C
<b>N</b>	<b>NX</b>					±60µV (±1.5°C)	±100µV (±2.5°C)	-25°C TO +200°C
		<b>NC</b>					±100µV (±2.5°C)	-0°C TO +150°C
<b>E</b>	<b>EX</b>					±120µV (±1.5°C)	±200µV (±2.5°C)	-25°C TO +200°C
<b>R</b>		<b>RCA</b>					±30µV (±2.5°C)	0°C TO +100°C
		<b>RCB</b>					±60µV (±5.0°C)	0°C TO +200°C
<b>S</b>		<b>SCA</b>					±30µV (±2.5°C)	0°C TO +100°C
		<b>SCB</b>					±60µV (±5.0°C)	0°C TO +200°C
<b>B</b>		<b>BC</b>						
<b>C</b>		<b>CC</b>						0°C TO +110°C

## ORDERING CODE



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

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