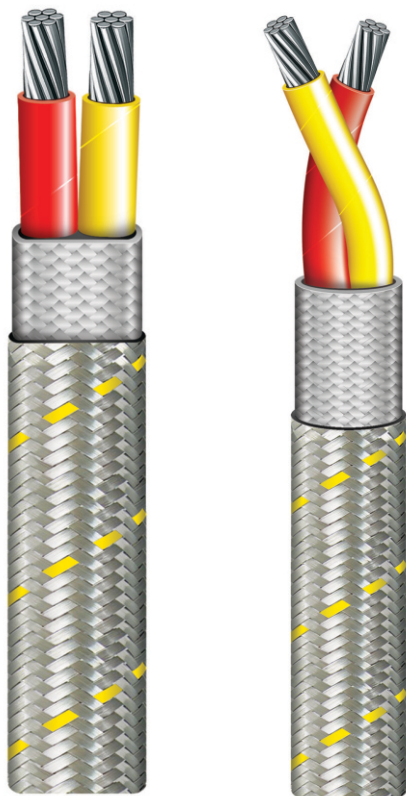


TEFLON-FIBRE GLASS-STEEL BRAIDING INSULATED - 260°C



SPECIFICATIONS:

Conductor	: Solid, Multistranded Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1.
Insulation	: Teflon Temperature Saturated.
Construction	: Parallel Conductors.
Outer Jacket	: Fiber Glass Insulated.
Braiding	: Stainless Steel Braiding.
Operating Temp.	: 260°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 260°C
- 2) Excellent Heat Resistant.
- 3) Outstanding Insulating properties.
- 4) Good Thermal stability.
- 5) High mechanical Strain.
- 6) Flame Retardant.
- 7) Passes JSS-51034 Flame Test.
- 8) Abrasion Resistance.

AVAILABLE OPTIONS:

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

APPLICATIONS:



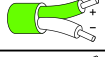
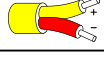
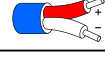






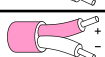
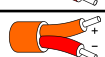
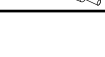
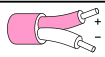
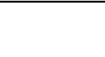
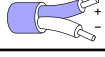



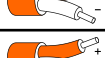





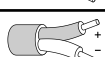
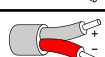
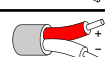
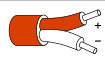






- 1) Automotive Industry.
- 2) Autoclaves.
- 3) Sterilizers.
- 4) Aerospace.
- 5) Power Generation.
- 6) Testing (Laboratories).
- 7) Petrochemical Plants

Table - 1 : Geometrical Data

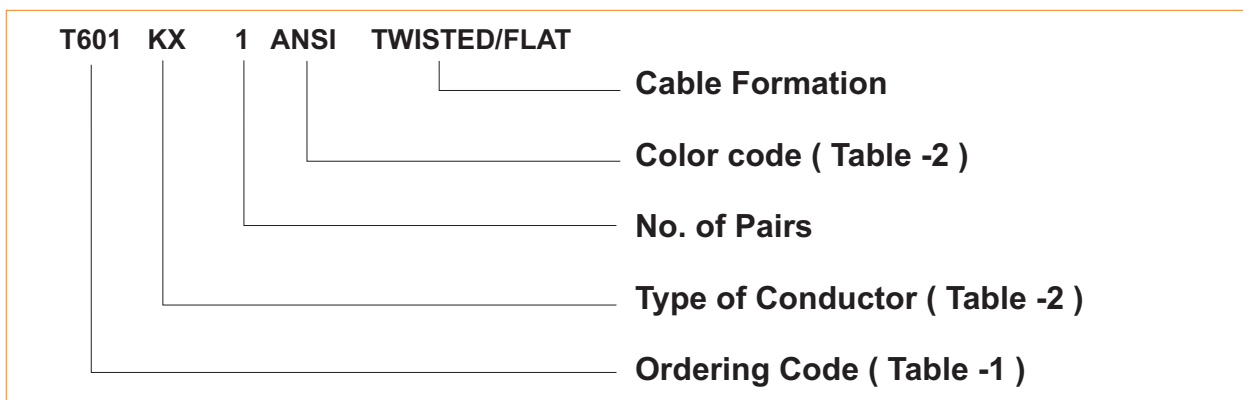
CABLE ORDERING CODE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (sqmm)	BARE CONDUCTOR DIA.(mm)	TWISTED OR FLAT	CABLE DIMENSION (mm) (MAX.)	CABLE WT. (APPX.) gm/meter
T601	1	0.51	0.2	0.51	T / F	3.1	11.0
T602	7	0.20	0.22	0.59	T / F	3.3	12.5
T603	7	0.27	0.40	0.81	T / F	3.7	18.5
T604	7	0.30	0.50	0.90	T / F	4.1	23.0
T605	14	0.30	1.00	1.26	T / F	4.9	38.0
T606	7	0.46	1.10	1.37	T / F	5.1	46.0
T607	3	0.71	1.20	1.39	T / F	5.4	53.0
T608	21	0.30	1.50	1.55	T / F	5.5	60.0

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



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

Tempsons Instruments (I) Pvt. Ltd.

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