Charlotte™ Wire & Cable Company Inc.
"Taking Care of Business"
toll free: 800-929-9473

THERMOCOUPLE EXTENSION WIRE
SINGLE PAIR - 288DEGREES C SYNTHETIC FIBER
SOLID OR STRANDED, NONSHIELDED

CONSTRUCTION:

CONDUCTOR SOLID OR 7 STRANDED ALLOYS PER ANSI STANDARDS. (SEE TABLE BELOW).

INSULATION SYNTHETIC FIBER BRAID IMPREGNATED WITH MOISTURE RESISTANT SATURANT, COLOR CODED PER ANSI STANDARDS.

ASSEMBLY INSULATED CONDUCTORS ARE LAID PARALLEL.

JACKET SYNTHETIC FIBER BRAID (NON-ASBESTOS) IMPREGNATED WITH SATURANT, COLOR CODED PER ANSI STANDARDS. RATED 288DEG C/550DEG F CONTINUOUS OR 343DEG C/650DEG F FOR SINGLE READING.

Charlotte Wire Part#	A.N.S.I. Type	Size AWG	Number of Cond'rs	Strand Type	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW06231	JX	16	2	Solid	.17" x .22"	32
CW06232	JX	16	2	7Stranded	.18" x .26"	33
CW06233	KX	16	2	Solid	.17" x .22"	32
CW06234	KX	16	2	7Stranded	.18" x .26"	33
CW06235	RSX	16	2	Solid	.17" x .22"	32
CW06236	RSX	16	2	7Stranded	.18" x .26"	33

APPLICATION:
Suitable for the relay of temperature measurement signals in heat treating, glass plants, brick plants, ceramic plants, and metals plants. in addition to its high heat resistance, synthetic fiber thermocouple extension wire also has good abrasion and chemical resistance.

OPTIONAL CONSTRUCTIONS:
Special calibration tolerance.
Overall metallic coverings such as stainless steel overbraid.
Other AWG sizes.

THERMOCOUPLE IDENTIFICATION:

	Conductor Type		Color Coding			
A.N.S.I. Type	Positive Wire	Negative Wire	Positive Wire	Negative Wire	Overall Jacket	Limits of Error (Deg C)
JX	Iron	Constantan	White	Red	Black	+/-2.2Deg C
KX	Chromel	Alumel	Yellow	Red	Yellow	+/-2.2Deg C
EX	Chromel	Constantan	Purple	Red	Purple	+/-1.7Deg C
TX	Copper	Constantan	Blue	Red	Blue	+/-1.0Deg C
RSX*	Copper	Cu Alloy #11	Black	Red	Green	+/-5.0Deg C

*Types RX and SX utilize the same ANSI conductors alloys and color code.