



Multipair Thermocouple Extension Cable

Special Orders – Thermocouple extension wire can be made to your specific order as multipair cable with individual and over-all insulations to suit installation conditions. Such cables greatly reduce cost of installation compared to pulling separate pairs of wires through conduit. Minimum quantity of any cable manufactured to order is 1000 feet. Complete specifications must accompany request for quotation. Standard Multipair

Standard Multipair Extension Cable – The more common extension wire types are made up into standard multipair cables which are usually available for immediate delivery.

Twisted Pair Cable – Each conductor is covered with polyvinyl, nominal .015 inch thick, with each pair twisted to reduce magnetic interference. The twisted pairs are cabled and then shielded with a .0015 inch thick aluminum backed Mylar tape and a 20 gauge stranded copper drain wire. The drain wire, in contact with the aluminum, provides a simple mechanical connection for the shield, thus minimizing the effects of electromagnetic interference. The cable is then covered with an outer layer of polyvinyl, nominal .045 inch thick. A heavy Easy-Strip nylon thread is included. This cable is particularly adapted to those installations demanding maximum reduction in magnetic and electrostatic interference.

Signal Wire and Coding – As an added convenience, each standard cable contains an extra polyvinyl-clad 20-gauge solid copper wire for use as a signal connection for completing a communications of signal circuit. These standard cables are color coded on the individual conductors and over-all. The positive leg only on Series 900 is marked 1, 2, etc. Primary insulation will withstand ambient temperatures up to 105°C (221°F) and resists atmosphere and moisture.

Wire Overbraid – Any of the standard cables listed in the accompanying tables can be supplied with a braid of stainless steel wire.

MULTIPAIR EXTENSION CABLE

AVAILABLE TYPES	CALIBRATION	B & S GAUGE SIZE	CONDUCTOR CODE	INSULATION CODE	Number of Pairs	EACH CONDUCTOR	OVERALL
J, K, T		20	5	904	4 Pairs Twisted	Polyvinyl Twisted	Twisted Aluminum Mylar/PVC
J, K, T		20	5	908	8 Pairs Twisted	Polyvinyl Twisted	Twisted Aluminum Mylar/PVC
J, K, T		20	5	912	12 Pairs Twisted	Polyvinyl Twisted	Twisted Aluminum Mylar/PVC
J, K		20	5	916	16 Pairs Twisted	Polyvinyl Twisted	Twisted Aluminum Mylar/PVC
J, K		20	5	920	20 Pairs Twisted	Polyvinyl Twisted	Twisted Aluminum Mylar/PVC
J, K, T		20	5	924	24 Pairs Twisted	Polyvinyl Twisted	Twisted Aluminum Mylar/PVC

T/C EXTENSION CABLE – TWISTED PAIRS

