

Duplex Thermocouple Cable 105°C



APPLICATION:

Duplex Thermocouple Cables are suitable for use in extension grade thermocouple extension applications. Suitable for applications with a continuous use temperatures of - 26°C to +105°C.

CONDUCTORS:

- Solid or stranded parallel thermocouple extension wire per ASTM E230 and ANSI MC96.1

COLOR CODE:

Per ASTM E230 & ANSI MC96.1, numbered on positive conductor

INSULATION:

- Flame retardant polyvinyl chloride (PVC)

JACKET:

- Flame retardant polyvinyl chloride (PVC) jacket, which is water, chemical, sunlight and abrasion resistant

STANDARDS:

- ASTM E230
- IEC 584
- ANSI MC96.1

Part Number	Conductor Size	No. of Pairs	Insulation Thickness		Jacket Thickness		Overall Diameter	Net Weight
	AWG		inches	mm	inches	mm	inches	lbs/kft
16-1PR/**	16	1	0.015	0.38	0.015	0.38	.111 x .192	24
20-1PR/**	20	1	0.015	0.38	0.015	0.38	.092 x .154	14

All values are nominal and subject to correction

Replace ** in part number with the ASA type from chart below

Type Designations							
ASA Type	Alloys		Insulation Colors		Jacket Color	Temperature Range	Limits of Error
	Positive	Negative	Positive	Negative			
EX	chromel	constantan	purple	red	purple	0 to +200°C	± 1.7°C
JX	iron	constantan	white	red	black	0 to +200°C	± 2.2°C
KX	chromel	alumel	yellow	red	yellow	0 to +200°C	± 2.2°C
TX	copper	constantan	blue	red	blue	-60 to +100°C	± 1.0°C
NX	Nicrosil	Nisil	orange	red	orange	0 to +200°C	± 2.2°C