



### ANSI Type NX Duplex Construction Insulated Thermocouple Extension Wire

ANSI color code—Orange positive/Red negative—Orange Over All

B & S ga.	Wire Type	Insulation Over All	Insulation Each Conductor	Maximum Temp.		Nominal Overall Dimensions (inches)	Part Number
				°F	°C		
20	Solid	Polyvinyl (PVC)	Polyvinyl (PVC)	221	105	.092 × .154	TCW-119-101
20	Solid	PVC/twisted w/ alum. mylar tape shield & bare drain wire	Polyvinyl (PVC)	221	105	.098 × .166	TCW-119-102

### ANSI Type TX Duplex Construction Insulated Thermocouple Extension Wire

ANSI color code—Blue positive/Red negative—Blue Over All

B & S ga.	Wire Type	Insulation Over All	Insulation Each Conductor	Maximum Temp.		Nominal Overall Dimensions (inches)	Part Number
				°F	°C		
20	Solid	Polyvinyl (PVC)	Polyvinyl (PVC)	221	105	.092 × .154	TCW-120-101
20	Stranded (7/28)	Polyvinyl (PVC)	Polyvinyl (PVC)	221	105	.098 × .166	TCW-120-102
20	Solid	PVC/twisted w/ alum. mylar tape shield & bare drain wire	Polyvinyl (PVC)	221	105	.169 round	TCW-120-103

### ANSI Type EX Duplex Construction Thermocouple Extension Wire

ANSI color code—Purple positive/Red negative—Purple Over All

B & S ga.	Wire Type	Insulation Over All	Insulation Each Conductor	Maximum Temp.		Nominal Overall Dimensions (inches)	Part Number
				°F	°C		
20	Solid	Polyvinyl (PVC)	Polyvinyl (PVC)	221	105	.092 × .154	TCW-122-101
20	Solid	PVC/twisted w/ alum. Mylar tape shield & bare drain wire	Polyvinyl (PVC)	221	105	.169 round	TCW-122-102

### ANSI Type R/SX Copper/#11 Alloy Duplex Construction Insulated Extension Wire

ANSI color code—Black positive/Red negative—Green Over All (Compensating alloys for Type “S” and Type “R” thermocouples)

B & S ga.	Wire Type	Insulation Over All	Insulation Each Conductor	Maximum Temp.		Nominal Overall Dimensions (inches)	Part Number
				°F	°C		
20	Solid	PVC/twisted w/ alum. Mylar tape shield & bare drain wire	Polyvinyl (PVC)	221	105	.169 round	TCW-123-101
20	Solid	Polyvinyl (PVC)	Polyvinyl (PVC)	221	105	.092 × .154	TCW-123-102
20	Solid	Extruded (FEP) Teflon®	Extruded (FEP) Teflon®	400	204	.068 × .116	TCW-123-103
20	Solid	Glass Braid	Glass Braid	900	482	.060 × .106	TCW-123-104

### Ordering Information

Order by **Part Number** for wire stocked on standard 100 and 250 foot spools.  
Order by **Part Number** and **Length** in feet required (50 feet minimum) for wire not stocked on standard spools.

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).