

TYPE 25

Single Conductor Insulation

- Fused TFE Teflon Tape

Duplex Conductor Insulation

- Fused TFE Teflon Tape

Temperature Rating

- Continuous: 500°F (260°C)
- Single Reading: 600°F (316°C)

ANSI Color-Coded

- Yes

Physical Properties

- Abrasion Resistance - Good
- Moisture Resistance - Excellent
- Chemical Resistance - Excellent

Characteristics

- See page 129

Thermocouple Grade Wire							
Type	Catalog Number	Wire Gauge	Conductor size (in/mm)	Ohms /Dbl. Ft.	Nominal Overall size (in/mm)	Approx. Shipping Weight	
						(lb./1000 ft)	(Kg/Km)
25	20E25	20	.0320/.813	.704	.061 x .106/1.55 x 2.69	10	14.9
25	20J25	20	.0320/.813	.357	.061 x .106/1.55 x 2.69	10	14.9
25	24J25	24	.0201/.508	.877	.047 x .077/1.19 x 1.96	5	7.4
25	20K25	20	.0320/.813	.590	.061 x .106/1.55 x 2.69	10	14.9
25	24K25	24	.0201/.508	1.490	.047 x .077/1.19 x 1.96	5	7.4
25	20T25	20	.0320/.813	.298	.061 x .106/1.55 x 2.69	10	14.9
25	24T25	24	.0201/.508	.753	.047 x .077/1.19 x 1.96	5	7.4

TYPE 26

Single Conductor Insulation

- High temperature Fiber glass Braid; No Impregnation

Duplex Conductor Insulation

- High temperature Fiber glass Braid with Light Lacquer Coating

Temperature Rating

- Continuous: 1300°F (704°C)
- Single Reading: 1600°F (871°C)

Physical Properties

- Abrasion Resistance - Fair
- Moisture Resistance - Fair
- Chemical Resistance - Good

ANSI Color-Coded

- No

Note

- Coating retained to 300°F (149°C)

Characteristics

- See page 129

Thermocouple Grade Wire							
Type	Catalog Number	Wire Gauge	Conductor size (in/mm)	Ohms /Dbl. Ft.	Nominal Overall size (in/mm)	Approx. Shipping Weight	
						(lb./1000 ft)	(Kg/Km)
26	20K26	20	.0320/.813	.590	.100 x .150/2.54 x 3.81	16	23.8

TYPE 27

Single Conductor Insulation

- Extruded FEP Teflon

Duplex Conductor Insulation

- Twisted
- Extruded FEP Teflon
- Overall

Temperature Rating

- Continuous: 400°F (204°C)
- Single Reading: 500°F (260°C)

Physical Properties

- Abrasion Resistance - Excellent
- Moisture Resistance - Excellent
- Chemical Resistance - Excellent

ANSI Color-Coded

- Yes

Note

- Aluminum/Mylar® shield with drain wire.

Characteristics

- See page 129

Thermocouple Grade Wire							
Type	Catalog Number	Wire Gauge	Conductor size (in/mm)	Ohms /Dbl. Ft.	Nominal Overall size (in/mm)	Approx. Shipping Weight	
						(lb./1000 ft)	(Kg/Km)
27	20J27	20	.0320/.813	.357	.131/3.33	16	23.8
27	20K27	20	.0320/.813	.590	.131/3.33	16	23.8