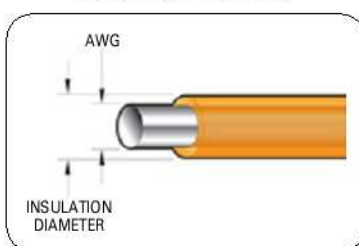


Kapton Insulated Wire

Features and Specifications

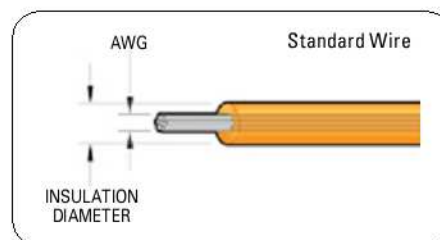
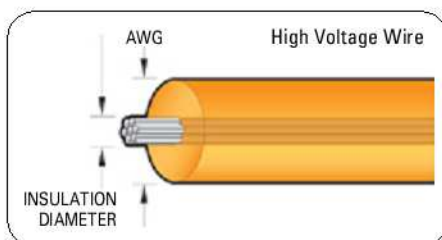
UHV, Ultrahigh Vacuum	1 x 10 ⁻¹⁰ Torr
Temperature Range	-75° to 250°C
Dielectric Constant	2.9
Dielectric Strength	80kV / mm
Dissipation Factor, 1MHz	0.002
Moisture Absorption	0.4% @ 50% RH
Radiation Resistance	10 ⁹ Rads

Solid Wire



WIRE AWG	WIRE LENGTH	WIRE DIAMETER	INSULATION DIAMETER	VOLTAGE RATING	CURRENT RATING	MIN. BEND RADIUS	PART #	PRICE €
34	30'	0.006	0.0065	450VAC / 1.5kVDC	0.25 A	0.20	A7300-1-WR	39.00
30	30'	0.010	0.020	600VAC / 2kVDC	1.50 A	0.30	A2236-1-WR	42.00
26	30'	0.016	0.025	600VAC / 2kVDC	3.00 A	0.31	A7300-2-WR	45.00
22	30'	0.024	0.034	600VAC / 2kVDC	5.50 A	0.32	A2236-2-WR	48.00

Stranded Wire



WIRE AWG	WIRE LENGTH	# of STRANDS X DIAMETER	INSULATION DIAMETER	VOLTAGE RATING	CURRENT RATING	MIN. BEND RADIUS	PART #	PRICE €
28	30'	7 x 0.005	0.020	600VAC / 2kVDC	2 A	0.25	A7300-3-WR	50.00
26	30'	7 x 0.006	0.025	600VAC / 2kVDC	3 A	0.25	A7300-4-WR	54.00
24	30'	7 x 0.008	0.030	600VAC / 2kVDC	4 A	0.55	A7300-5-WR	56.00
High Voltage								
26	15'	7 x 0.006	0.062	3kVAC / 10kVDC	3 A	1.10	A7325-1-WR	80.00

Coaxial Cable

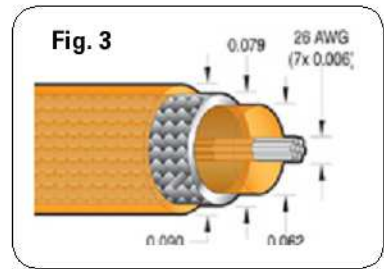
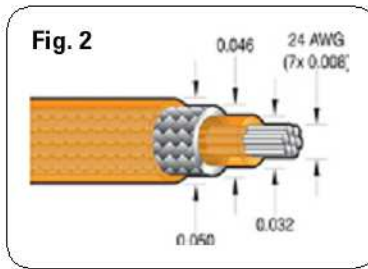
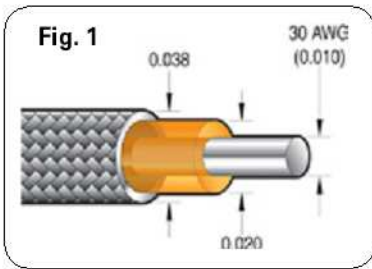
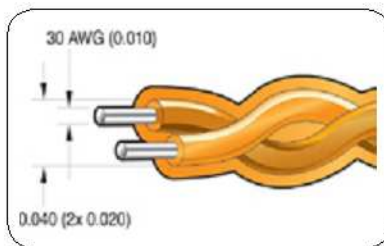


Fig. #	CABLE LENGTH	WIRE DIAMETER	RESISTANCE	VOLTAGE RATING	CURRENT RATING	MIN. BEND RADIUS	PART #	PRICE €
30 AWG COAXIAL CABLE , Solid Core								
1	30'	0.010	377 Ω/km at 20°C max	600VAC / 2kVDC	1.5 A	0.45	A2236-3-WR	93.00
24 AWG COAXIAL CABLE , Multi-strand Core								
2	15'	7 x 0.008	88.3 Ω/km at 20°C max	600VAC / 2kVDC	4.5 A	1.00	A7326-1-WR	79.00
2	30'	7 x 0.008	88.3 Ω/km at 20°C max	600VAC / 2kVDC	4.5 A	1.00	A2236-4-WR	154.00
50 Ohm Coaxial Cable								
30 AWG COAXIAL CABLE, Multi-strand Core								
3	15'	7 x 0.004	353 Ω/km at 20°C max	600VAC / 2kVDC	1.5 A	0.45	A7326-2-WR	125.00
26 AWG COAXIAL CABLE, Multi-strand Core								
3	15'	7 x 0.006	159 Ω/km at 20°C max	600VAC / 2kVDC	3.0 A	1.05	A2236-5-WR	138.00

Thermocouple Wire, Type-K



Thermocouple Wire pairs consist of non-welded positive Chromel® and negative Alumel® legs. Kapton® is applied with a resin process to eliminate air pockets normally associated with Kapton® tape insulated thermocouple wire from other suppliers.

UHV rated to 1x10⁻¹⁰
Operating Temperature 250° C

TYPE	WIRE AWG	WIRE LENGTH	WIRE DIAMETER	INSULATION DIAMETER	MIN. BEND RADIUS	PART #	PRICE €
K	30	19"	2 x 0.010	0.020	0.55	A2331-1-WR	31.00
K	30	39"	2 x 0.010	0.020	0.55	A2332-1-WR	53.00
K	30	96"	2 x 0.010	0.020	0.55	A2333-1-WR	126.00

To add welded thermocouple junction to wire ends, change -1 to -2 and add €15 to the price.