

## Coaxial / Shielded Cable

• Voltage rating of 600VAC, 2kVDC

Operating: 250°C

Service: UHV

1 x 10<sup>-10</sup> Torr

Cable Length	Jacket Diameter	Shield Diameter	Internal Insulation Diameter	Wire Diameter	Current Rating	Min. Bend Radius	Model Number	Part Number	Unit Price \$
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**30 AWG Coaxial Cable** • Solid Core • 377 Ω/km at 20°C maximum • 180 pf/m  
 30-foot —\* 0.038 0.020 0.010 1.5A 0.23 TYP10-30 **100705** 83

**24 AWG Coaxial Cable** • Multi-strand Core • 88.3 Ω/km at 20°C maximum • 300 pf/m  
 15-foot 0.050 0.046 0.032 7x 0.008 4.5A 0.50 TYP5-15 **100710** 69

\* No outer Kapton® insulation jacket.

## 50 Ohm Coaxial Cable

• Multi-strand Core

• Voltage rating of 600VAC, 2kVDC

Operating: 250°C

Service: UHV

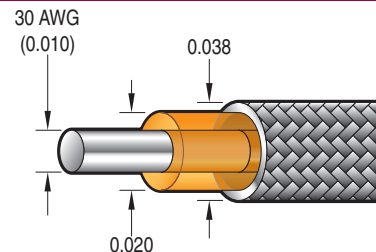
1 x 10<sup>-10</sup> Torr

Cable Length	Jacket Diameter	Shield Diameter	Internal Insulation Diameter	Wire Diameter	Current Rating	Min. Bend Radius	Model Number	Part Number	Unit Price \$
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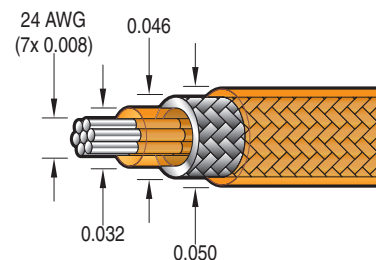
**32 AWG Coaxial Cable** • 558 Ω/km at 20°C maximum • 137 pf/m  
 15-foot 0.050 0.041 0.029 7x 0.0015 0.5A 0.20 TYP25-15 **112129** 95

**30 AWG Coaxial Cable** • 353 Ω/km at 20°C maximum • 102 pf/m  
 15-foot 0.067 0.058 0.047 7x 0.004 1.5A 0.23 TYP24-15 **112130** 105

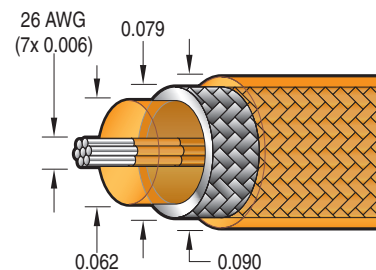
**26 AWG Coaxial Cable** • 159 Ω/km at 20°C maximum • 95 pf/m  
 15-foot 0.090 0.079 0.062 7x 0.006 3A 0.53 TYP6-15 **100720** 118



100705, 30 AWG Coaxial Cable



100710, 24 AWG Coaxial Cable



100720, 26 AWG 50-Ohm Coaxial Cable

50 Ohm Coaxial Specifications	Near Frequency MHz	32 AWG p/n 112129	30 AWG p/n 112130	26 AWG p/n 100720
<b>Attenuation dB/100m</b>				
	10	-12.79	-11.16	-8.93
	100	-41.95	-39.42	-31.29
	200	-76.95	-59.54	-46.91
	400	-53.05	-96.15	-62.02
<b>Impedance Ohms/100m</b>				
	200	65.40	55.07	48.31
	400	60.58	55.00	47.25
	Max	75.53	64.28	52.82
	Min	55.65	52.52	46.61
	Mean	62.34	55.74	48.48
<b>Mutual Capacitance nF/100m</b>				
		8.31	10.24	11.78