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Part Number 167-2669, High Voltage Coaxial/Shielded Cable

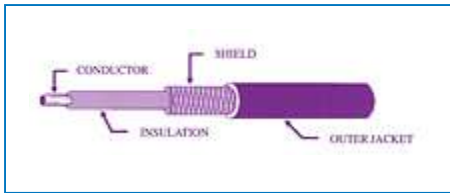
List Price

QUOTE

High Voltage Coaxial/Shielded Cable

These coaxial and shielded cables have been used in both military and industrial high voltage applications including Radar, ECM systems, power supplies and instrumentation. Many of the cables have controlled impedance. Figures for inductance and loop resistance (shield coupled to center conductor) are available upon request.

167-2669 and 178-8793 cables have controlled impedance, inductance and capacitance for fast response times and are used extensively to


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Specifications

Conductor Gauge	16 AWG
Conductor Strands	18/29
Conductor Plating	Tin Plated
Conductor Diameter	0.059 in 0.195 in
Overall Diameter	0.195 in
Insulator Material	PE
Diameter Over Insulation	0.118 in
Diameter Over Shield	0.150 in
Jacket Material	PE
Diameter Over Jacket	0.195 in
Impedance	31 Ω
Attenuation at 400 MHz	16 db/100 ft

Capacitance at 1k Hz	48 pF/ft
Default Color	Red
Operating Temperature	-55 to 125 °C
Standard/Non-Standard¹	Standard Part
Conductor Material	Copper
Voltage Rating	20 kVDC
Wire Insulation	"L"

Shielding Properties

Shielding Strands	36 AWG
Shielding Strand Plating	Tin Plated Copper
Shielding Layers	1

Cable / Wire Properties

Nomex Jacketed	Yes
Silicone Coated	No
Etched	No
Wire Type	Shielded
Twisted Pair	No
Twisted Shielded Pair	No

¹ Non-standard parts will have longer lead times and potentially higher pricing. Please contact Teledyne Reynolds Engineering department to determine feasibility for use in your application.