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## Part Number 167-9785, High Voltage Coaxial/Shielded Cable

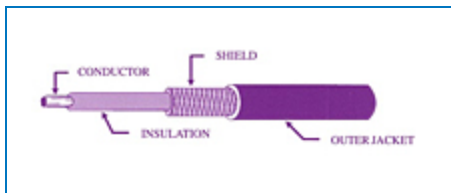
List Price

**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	20 AWG
Conductor Strands	19/32
Conductor Plating	Tin Plated
Conductor Diameter	0.039 in 0.220 in
Overall Diameter	0.220 in
Insulator Material	FEP
Diameter Over Insulation	0.150 in
Diameter Over Shield	0.180 in
Jacket Material	FEP
Diameter Over Jacket	0.220 in
Capacitance at 1k Hz	26 pF/ft
Default Color	Natural

<b>Operating Temperature</b>	-55 to 125 °C
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<b>Standard/Non-Standard<sup>1</sup></b>	Standard Part
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<b>Conductor Material</b>	Copper
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<b>Voltage Rating</b>	40 kVDC
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#### Shielding Properties

<b>Shielding Strands</b>	36 AWG
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<b>Shielding Strand Plating</b>	Tin Plated Copper
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<b>Shielding Layers</b>	1
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#### Cable / Wire Properties

<b>Nomex Jacketed</b>	Yes
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<b>Silicone Coated</b>	No
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<b>Etched</b>	No
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<b>Wire Type</b>	Shielded
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<b>Twisted Pair</b>	No
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<b>Twisted Shielded Pair</b>	No
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<sup>1</sup> 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.