Teledyne Reynolds, Incorporated
1001 Knox Street.
Torrance, California
90502
TEL: (310) 823-5491 • **FAX #1:** (310) 822-8046
FAX #2: (310) 822-6815 • tri_techsupport@teledyne.com

Part Number 167-9346, High Voltage Coaxial/Shielded Cable

List Price

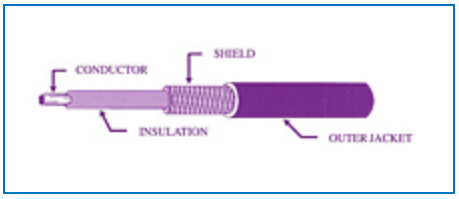
QUOTE

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

+ more



Specifications | Shielding Properties | Cable / Wire Properties | Alternate Cable Part Number Equivalents

Specifications

Conductor Gauge	22 AWG
Conductor Strands	19/34
Conductor Plating	Silver Plated
Conductor Diameter	0.031 in 0.125 in
Overall Diameter	0.125 in
Insulator Material	FEP
Diameter Over Insulation	0.080 in
Diameter Over Shield	0.100 in
Jacket Material	FEP
Diameter Over Jacket	0.125 in
Impedance	43 Ω
Attenuation at 400 MHz	10.6 db/100 ft

Capacitance at 1k Hz	31 pF/ft
Default Color	Natural
Operating Temperature	-55 to 125 ºC
Standard/Non-Standard[1]	Standard Part
Conductor Material	Copper
Voltage Rating	22 kVDC
Wire Insulation	0.080 "L"

Shielding Properties

Shielding Strands	36 AWG
Shielding Strand Plating	Silver 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

Alternate Cable Part Number Equivalents

Nomex ® Jacketed Silicone Coated Part Number	178-9610

[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.