



## AMC-62 Modified 125 ohm

**AMC-62 Modified 125 Ohm Coaxial Cable, black PVC jacket**

### Construction Materials

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Braid Material	Copper
Dielectric Material	Foam PE
Inner Conductor Material	Copper-clad steel wire
Jacket Color	Black
Jacket Material	PVC
Shield Tape Material	No tape

### Dimensions

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Cable Length	1372 m   4500 ft
Cable Weight	31.00 lb/kft
Diameter Over Dielectric	3.708 mm   0.146 in
Diameter Over Dielectric Tolerance	±0.003 in
Diameter Over Jacket	6.147 mm   0.242 in
Diameter Over Jacket Tolerance	±0.007 in
Inner Conductor OD	0.3607 mm   0.0142 in
Inner Conductor OD Tolerance	±0.00015 in
Nominal Size	0.242 in
Outer Conductor OD	4.343 mm   0.171 in

### Electrical Specifications

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Cable Impedance	125 ohm ±10 ohm
Capacitance	32.8 pF/m   10.0 pF/ft
dc Resistance, Inner Conductor	131.000 ohms/kft
dc Resistance, Outer Conductor	2.600 ohms/kft
Dielectric Strength	3 s @ 2500 Vdc
Jacket Spark Test Voltage (rms)	2000 V
Velocity	88%

### Environmental Specifications

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Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
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### General Specifications

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Braid Total Coverage	93% braid
Brand	Auto Mobile Cable®
Cable Type	AMC-62

### Mechanical Specifications

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Minimum Bend Radius, unloaded	61.47 mm   2.42 in
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## Electrical Performance

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<b>Frequency</b>	<b>Attenuation (dB/100 m)</b>	<b>Attenuation (dB/100 ft)</b>
50 MHz	8.20	2.50
100 MHz	12.30	3.75

## Regulatory Compliance/Certifications

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<b>Agency</b>	<b>Classification</b>
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system