



AMC-62 Modified 125 ohm | 4697763/50

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

## Construction Materials

Center Conductor Material	Copper-clad steel wire
Dielectric Material	Foam PE
Shield (Braid) Coverage	93 %
Shield (Braid) Material	Bare copper
Shield (Tape) Material	No tape
Jacket Material	PVC

## Dimensions

Cable Length	1372 m   4500 ft
Cable Weight	31.00 lb/kft
Diameter Over Center Conductor	0.3607 mm   0.0142 in
Diameter Over Center Conductor Tolerance	±0.00015 in
Diameter Over Dielectric	3.7084 mm   0.1460 in
Diameter Over Dielectric Tolerance	±0.003 in
Diameter Over Jacket	6.147 mm   0.242 in
Diameter Over Jacket Tolerance	±0.007 in
Diameter Over Outer Shield (Braid)	4.343 mm   0.171 in

## Electrical Specifications

Capacitance	32.0 pF/m   9.8 pF/ft
Capacitance Tolerance	±0.75 pF/ft
Characteristic Impedance	125 ohm
Characteristic Impedance Tolerance	±10 ohm
Conductor dc Resistance, maximum	131.00 ohms/kft
Dielectric Strength	3 s @ 2500 Vdc
Jacket Spark Test Voltage	2500 V
Shield dc Resistance	2.60 ohms/kft
Velocity	88 %

## Environmental Specifications

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

Application	Automotive
Cable Type	AMC-62
Jacket Color	Black
Brand	Auto Mobile Cable®

## Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50 MHz	8.20	2.50

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100 MHz                      12.30                      3.75

*\* Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)*

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## Regulatory Compliance/Certifications

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