

# MT4697763/50 | AMC-62 Modified 125 ohm 1372M

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



**OBSOLETE**

This product was discontinued on: April 26, 2022

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Coaxial automotive cable
Product Brand	Auto Mobile Cable®

## General Specifications

Cable Type	AMC-62
Jacket Color	Black
Supported Application	Automotive

## Dimensions

Cable Length	1,371.6 m   4500 ft
Diameter Over Center Conductor	0.361 mm   0.014 in
Diameter Over Center Conductor Tolerance	±0.00015 in
Diameter Over Dielectric	3.708 mm   0.146 in
Diameter Over Dielectric Tolerance	±0.003 in
Diameter Over Jacket, nominal	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

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Capacitance	32.152 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	429.79 ohms/km   131 ohms/kft
Dielectric Strength at Voltage	3 s @ 2,500 Vdc
Jacket Spark Test Voltage	2500 V
Shield dc Resistance	8.53 ohms/km   2.6 ohms/kft
Velocity	88 %

## Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50.0	8.2	2.5
100.0	12.3	3.75

## Material Specifications

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

## Mechanical Specifications

Minimum Bend Radius Note	5 times the outer cable diameter
Minimum Bend Radius, unloaded, times	5 times

## Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
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## Packaging and Weights

Cable weight	46.133 kg/km   31 lb/kft
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## Regulatory Compliance/Certifications

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**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system