

# MT8890033/45 | AMC-62 Foam 93 ohm 1372M

AMC-62 Foam 93 Ohm Coaxial Cable, black PVC jacket



## OBSOLETE

This product was discontinued on: April 26, 2022

## Product Classification

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

## General Specifications

<b>Cable Type</b>	AMC-62
<b>Jacket Color</b>	Black
<b>Supported Application</b>	Automotive

## Dimensions

<b>Cable Length</b>	1,371.6 m   4500 ft
<b>Diameter Over Center Conductor</b>	0.643 mm   0.025 in
<b>Diameter Over Center Conductor Tolerance</b>	±0.0003 in
<b>Diameter Over Dielectric</b>	3.658 mm   0.144 in
<b>Diameter Over Dielectric Tolerance</b>	±0.004 in
<b>Diameter Over Jacket, nominal</b>	6.147 mm   0.242 in
<b>Diameter Over Jacket Tolerance</b>	±0.007 in
<b>Diameter Over Outer Shield (Braid)</b>	4.343 mm   0.171 in

## Electrical Specifications

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<b>Capacitance</b>	43.307 pF/m   13.2 pF/ft
<b>Characteristic Impedance</b>	93 ohm
<b>Characteristic Impedance Tolerance</b>	±5 ohm
<b>Conductor dc Resistance, maximum</b>	144.357 ohms/km   44 ohms/kft
<b>Dielectric Strength at Voltage</b>	3 s @ 2,500 Vdc
<b>Jacket Spark Test Voltage</b>	5000 V
<b>Shield dc Resistance</b>	13.123 ohms/km   4 ohms/kft
<b>Velocity</b>	86 %

## Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50.0	5.9	1.8
100.0	8.86	2.7

## Material Specifications

<b>Center Conductor Material</b>	Copper-clad steel wire
<b>Dielectric Material</b>	Foam PE
<b>Jacket Material</b>	PVC
<b>Shield (Braid) Coverage</b>	95 %
<b>Shield (Braid) Material</b>	Bare copper
<b>Shield (Tape) Material</b>	No tape

## Mechanical Specifications

<b>Minimum Bend Radius Note</b>	5 times the outer cable diameter
<b>Minimum Bend Radius, unloaded, times</b>	5 times

## Environmental Specifications

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

<b>Cable weight</b>	49.109 kg/km   33 lb/kft
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## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

