

8890033/45 | AMC-62 Foam 93 ohm

AMC-62 Foam 93 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	0.643 mm 0.025 in
Diameter Over Center Conductor Tolerance	±0.0003 in
Diameter Over Dielectric	3.658 mm 0.144 in
Diameter Over Dielectric Tolerance	±0.004 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	43.307 pF/m 13.2 pF/ft
Characteristic Impedance	93 ohm
Characteristic Impedance Tolerance	±5 ohm
Conductor dc Resistance, maximum	144.357 ohms/km 44 ohms/kft
Dielectric Strength at Voltage	3 s @ 2,500 Vdc
Jacket Spark Test Voltage	5000 V
Shield dc Resistance	13.123 ohms/km 4 ohms/kft
Velocity	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

Center Conductor Material	Copper-clad steel wire
Dielectric Material	Foam PE
Jacket Material	PVC
Shield (Braid) Coverage	95 %
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	49.109 kg/km 33 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

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ISO 9001:2015

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

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

