

4697763/50 | AMC-62 Modified 125 ohm

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