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

Product Classification

**Portfolio**
CommScope®

**Brand**
Auto Mobile Cable™

**Product Type**
Coaxial automotive cable

**Regional Availability**
Asia | Australia/New Zealand | EMEA | Latin America | North America

Construction Materials

**Center Conductor Material**
Copper-clad steel wire

**Dielectric Material**
Foam PE

**Shield (Braid) Coverage**
95%

**Shield (Braid) Material**
Bare copper

**Shield (Tape) Material**
No tape

**Jacket Material**
PVC

Dimensions

**Cable Length**
1372 m | 4500 ft

**Cable Weight**
33.00 lb/kft

**Diameter Over Center Conductor**
0.6426 mm | 0.0253 in

**Diameter Over Center Conductor Tolerance**
±0.0003 in

**Diameter Over Dielectric**
3.6576 mm | 0.1440 in

**Diameter Over Dielectric Tolerance**
±0.004 in

**Diameter Over Jacket Tolerance**
±0.007 in

**Diameter Over Jacket, nominal**
6.147 mm | 0.242 in

**Diameter Over Outer Shield (Braid)**
4.343 mm | 0.171 in

Electrical Specifications

**Capacitance**
43.3 pF/m | 13.2 pF/ft

**Characteristic Impedance**
93 ohm

**Characteristic Impedance Tolerance**
±5 ohm

**Conductor dc Resistance, maximum**
44.00 ohms/kft

**Dielectric Strength at Voltage**
3 s @ 2,500 Vdc

**Jacket Spark Test Voltage**
5000 V

**Shield dc Resistance**
4.00 ohms/kft

**Velocity**
86%

Environmental Specifications

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

Cable Type          AMC-62
Jacket Color        Black
Supported Application Automotive

Mechanical Specifications

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

Electrical Performance

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Attenuation (dB/100 m)</th>
<th>Attenuation (dB/100 ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 MHz</td>
<td>5.90</td>
<td>1.80</td>
</tr>
<tr>
<td>100 MHz</td>
<td>8.86</td>
<td>2.70</td>
</tr>
</tbody>
</table>

* Electrical specifications/performance listed represents values at standard condition of 20 °C (68 °F)

Regulatory Compliance/Certifications

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