AMC-59 Mini Reduced Size 75 Ohm Coaxial Cable, black PE jacket

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-59

Jacket Color
Black

Supported Application
Automotive

Dimensions

Cable Length
1524 m | 5000 ft

Diameter Over Center Conductor
0.574 mm | 0.023 in

Diameter Over Center Conductor Tolerance
±0.0003 in

Diameter Over Dielectric
2.54 mm | 0.1 in

Diameter Over Dielectric Tolerance
±0.004 in

Diameter Over Jacket Tolerance
±0.003 in

Diameter Over Jacket, nominal
4.039 mm | 0.159 in

Diameter Over Outer Shield (Braid)
3.251 mm | 0.128 in

Electrical Specifications

Capacitance
54.134 pF/m | 16.5 pF/ft

Characteristic Impedance
75 ohm

Characteristic Impedance Tolerance
±3 ohm
Conductor dc Resistance | 154.199 ohms/km | 47 ohms/kft
Conductor dc Resistance, maximum | 177.165 ohms/km | 54 ohms/kft
Dielectric Strength at Voltage | 3 s @ 2,500 Vdc
Jacket Spark Test Voltage | 2000 V
Shield dc Resistance | 13.123 ohms/km | 4 ohms/kft
Velocity | 84%

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<tr>
<th>Frequency (MHz)</th>
<th>Attenuation (dB/100 ft)</th>
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<tr>
<td>1.0</td>
<td>0.45</td>
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<tr>
<td>3.6</td>
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<td>10.0</td>
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<tr>
<td>1000.0</td>
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Material Specifications
- Center Conductor Material: Copper-clad steel wire
- Dielectric Material: Foam PE
- Jacket Material: PE
- Shield (Braid) Coverage: 90%
- Shield (Braid) Material: Tinned copper
- Shield (Tape) Material: Aluminum, unbonded

Environmental Specifications
- Operating Temperature: -40 °C to +85 °C (-40 °F to +185 °F)

Packaging and Weights
- Cable weight: 23.811 kg/km | 16 lb/kft

Regulatory Compliance/Certifications
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<th>Agency</th>
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