4219363/50 | AMC-59 Mini LL

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	5000 ft | 1524 m
Diameter Over Center Conductor	0.023 in | 0.574 mm
Diameter Over Center Conductor Tolerance	±0.0003 in
Diameter Over Dielectric	0.1 in | 2.54 mm
Diameter Over Dielectric Tolerance	±0.004 in
Diameter Over Jacket Tolerance	±0.003 in
Diameter Over Jacket, nominal	0.159 in | 4.039 mm
Diameter Over Outer Shield (Braid)	0.128 in | 3.251 mm

Electrical Specifications

Capacitance	16.5 pF/ft | 54.134 pF/m
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	47 ohms/kft | 154.199 ohms/km

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Conductor dc Resistance, maximum	49 ohms/kft | 160.761 ohms/km
Dielectric Strength at Voltage	3 s @ 2,500 Vdc
Jacket Spark Test Voltage	2000 V
Shield dc Resistance	4 ohms/kft | 13.123 ohms/km
Velocity	84 %

Attenuation

Frequency (MHz)	Attenuation (dB/100 ft)
1.0	0.45
3.6	0.81
10.0	1.27
71.5	3.28
100.0	3.61
135.0	4.35
270.0	6.11
360.0	7.04
720.0	10.42
1000.0	11.55

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	16 lb/kft | 2.212 kg/km

Regulatory Compliance/Certifications

Agency	Classification

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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

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