

**AMC-59 Mini | 4219363/50****AMC-59 Mini Reduced Size 75 Ohm Coaxial Cable, black PE jacket**

Construction Materials

Center Conductor Material	Copper-clad steel wire
Dielectric Material	Foam PE
Shield (Braid) Coverage	90 %
Shield (Braid) Material	Tinned copper
Shield (Tape) Material	Aluminum, unbonded
Jacket Material	PE

Dimensions

Cable Length	1524 m 5000 ft
Cable Weight	16.00 lb/kft
Diameter Over Center Conductor	0.5740 mm 0.0226 in
Diameter Over Center Conductor Tolerance	±0.0003 in
Diameter Over Dielectric	2.5400 mm 0.1000 in
Diameter Over Dielectric Tolerance	±0.004 in
Diameter Over Jacket	4.039 mm 0.159 in
Diameter Over Jacket Tolerance	±0.003 in
Diameter Over Outer Shield (Braid)	3.251 mm 0.128 in

Electrical Specifications

Capacitance	54.1 pF/m 16.5 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	47.00 ohms/kft
Conductor dc Resistance, maximum	49.00 ohms/kft
Dielectric Strength	3 s @ 2500 Vdc
Jacket Spark Test Voltage	2000 V
Shield dc Resistance	4.00 ohms/kft
Velocity	84 %

Environmental Specifications

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

Application	Automotive
Cable Type	AMC-59
Jacket Color	Black
Brand	Auto Mobile Cable®

Electrical Performance

Frequency	Attenuation (dB/100 ft)
1 MHz	0.45

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3.6 MHz	0.81
10 MHz	1.27
71.5 MHz	3.28
100 MHz	3.61
135 MHz	4.35
270 MHz	6.11
360 MHz	7.04
720 MHz	10.42
1000 MHz	11.55

** Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)*

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

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system