

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

4219363/50 | AMC-59 Mini LL

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 %

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)
------------------------------	--------------------------------------

4219363/50 | AMC-59 Mini LL

Packaging and Weights

Cable weight 23.811 kg/km | 16 lb/kft

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

