

AMC-58 LOW LOSS EZ 1524M | MT8872063/50

AMC-58 Low Loss EZ 50 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-58
Jacket Color	Black
Supported Application	Automotive

Dimensions

Cable Length	1524 m 5000 ft
Diameter Over Center Conductor	1.034 mm 0.041 in
Diameter Over Center Conductor Tolerance	±0.0003 in
Diameter Over Dielectric	2.896 mm 0.114 in
Diameter Over Dielectric Tolerance	±0.003 in
Diameter Over Jacket, nominal	4.953 mm 0.195 in
Diameter Over Jacket Tolerance	±0.003 in
Diameter Over Outer Shield (Braid)	3.708 mm 0.146 in
Diameter Over Shield (Tape)	3.048 mm 0.12 in

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Electrical Specifications

Capacitance	85.302 pF/m 26 pF/ft
Characteristic Impedance	50 ohm
Characteristic Impedance Tolerance	±3 ohm
Conductor dc Resistance	20.997 ohms/km 6.4 ohms/kft
Dielectric Strength at Voltage	3 s @ 2,500 Vdc
Jacket Spark Test Voltage	2500 V
Shield dc Resistance	11.483 ohms/km 3.5 ohms/kft
Velocity	80 %

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
200.0	16.1	4.9
400.0	22.7	6.91
500.0	25.3	7.71
700.0	30	9.15
900.0	34.1	10.4
1000.0	36	10.97
1200.0	39.6	12.07
1400.0	42.7	13.03
1600.0	46	13.93
1800.0	48.7	14.84
1900.0	50.1	15.27
2000.0	51.5	15.7
2300.0	55.2	16.8
2400.0	56.4	17.2
2500.0	57.6	17.6
2700.0	59.8	18.2
2800.0	60.9	18.6
3000.0	63.1	19.2

Material Specifications

Center Conductor Material	Bare copper
Dielectric Material	Foam PE

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Jacket Material	PE
Shield (Braid) Coverage	85 %
Shield (Braid) Material	Tinned copper
Shield (Tape) Material	Aluminum, unbonded

Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
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Packaging and Weights

Cable weight	32.74 kg/km 22 lb/kft
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Regulatory Compliance/Certifications

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

