
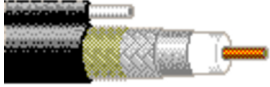


Product: [1258AM](#) 



CATV, RG6 Type, 18 AWG BCCS, Foil + 60% Braid, Waterblocked, Messenger

Product Description

Series 6, 18 AWG solid .040" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II, aluminum braid shield (60% coverage), Flooding Grease, PVC jacket, galvanized steel messenger wire.

Technical Specifications

Product Overview

Suitable Applications:	CATV, broadband
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
18	Solid	BCCS - Bare Copper Covered Steel	0.04 in	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.18 in

Table Notes:	Gas Injected
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Outer Shield

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
Braid	2	Aluminum		60%

Table Notes:	CoreGuard®
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Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	.270 x .410 in

Construction and Dimensions

OuterJacket1, Messenger Diameter:	0.051 in
OuterJacket1, Messenger Material:	Galvanized Steel

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
28 Ohm/1000ft	9 Ohm/1000ft	9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
16.2 pF/ft

Inductance

Nominal Inductance

0.097 µH/ft

Impedance**Nominal Characteristic Impedance**

75 Ohm

Return Loss (RL)**Frequency [MHz] | Min. Structural Return Loss (SRL)**

5 - 1000 MHz | 20 dB

Delay**Nominal Delay | Nominal Velocity of Propagation (VP) [%]**

1.22 ns/ft | 83%

High Frequency**Frequency [MHz] | Max. Insertion Loss (Attenuation)**

5 MHz | 0.58 dB/100ft

55 MHz | 1.6 dB/100ft

211 MHz | 3.05 dB/100ft

250 MHz | 3.30 dB/100ft

270 MHz | 3.37 dB/100ft

300 MHz | 3.55 dB/100ft

330 MHz | 3.74 dB/100ft

350 MHz | 3.85 dB/100ft

400 MHz | 4.15 dB/100ft

450 MHz | 4.40 dB/100ft

500 MHz | 4.66 dB/100ft

550 MHz | 4.90 dB/100ft

600 MHz | 5.10 dB/100ft

750 MHz | 5.65 dB/100ft

870 MHz | 6.11 dB/100ft

1000 MHz | 6.55 dB/100ft

Voltage**Non-UL Voltage Rating**

300 V RMS

Temperature Range

Operating Temp Range: -40°C To +80°C

Mechanical Characteristics

Bulk Cable Weight: 40 lbs/1000ft

Max. Pull Tension: 165 lbs

Min. Bend Radius/Minor Axis: 3 in

Standards

RG Type: 6

Series Type: 6

Applicable Environmental and Other Programs

Environmental Space: Water Exposure/Below-Grade Conduit

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2011/65/EU (RoHS 2): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU (RoHS 2 amendment): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: No

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Aerial:	Yes - Black only, when supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
1258AM 0101000	Black	Reel	1,000 ft	612825109853

Product Notes

Notes:	Flooding grease under jacket
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History

Update and Revision:	Revision Number: 0.289 Revision Date: 12-15-2021
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