



Product: <u>1189A</u> ☑

Broadband Coax, Series 6, 18 AWG Solid BCCS, Quad Shield, PVC Jkt, CM

Product Description

Broadband Coax, Series 6, 18 AWG Solid Bare Copper Covered Steel Conductor, PE Insulation, Foil + 60% Aluminum Braid + Foil + 40% Aluminum Braid Shield, PVC Jacket, CM

Technical Specifications

Product Overview

Suitable Applications: Broadband, Cable Television (CATV), RF drop cable, Over-The-Air (OTA) antennas			
Construction Details			
Series Type:	6		

Conductor

Size	Stranding	Nom. Diameter	Material
18 AWG	Solid	0.040 in	BCCS - Bare Copper Covered Steel

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene (Foam)	0.180 in (4.57 mm)	White

Outer Shield

Layer	Outer Shield Type	Material	Material Trade Name	Coverage
1 Tape		Tri-Laminate (Alum+Poly+Alum)	Duobond® II	100%
2	Braid	Aluminum		60%
3	Таре	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
4 Braid		Aluminum		40%

Outer Jacket

	Material Non	m. Diameter
	PVC - Polyvinyl Chloride 0.294	l in (7.47 mm)
ĺ	Overall Cable Diameter (Nomina	al): 0.294 in (7

Electrical Characteristics

Return Loss (RL)

Frequency	Min. Structural Return Loss	
5 - 1000 MHz	20 dB	

Attenuation

Frequency	Max. Attenuation
[delete]	[delete]

[delete]	[delete]
[delete]	[delete]

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
28 Ohm/1000ft	4.8 Ohm/1000ft (16 Ohm/km)	16.2 pF/ft (53.1 pF/m)	75 Ohm	83%

Voltage

UL Voltage Rating 300 V (CM)

Mechanical Characteristics

Temperature

Operating -40°C to +80°C

Bend Radius

Installation Min. 2.9 in (74 mm)

Max. Pull Tension:	176 lbs (79.8 kg)	
Bulk Cable Weight:	32 lbs/1000ft	

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor, Aerial - Black only, When supported by messenger wire
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 UL Loading
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CM, CATV
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	ANSI/SCTE 74
Plenum Number:	1189AP

History

Update and Revision: Revision Number: 0.392 Revision Date: 12-19-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1189A 2901000	Beige, Light	Reel	1,000 ft	612825108122
1189A 010U500	Black	UnReel	500 ft	612825108108
1189A 0101000	Black	Reel	1,000 ft	612825309680
1189A 010U1000	Black	UnReel	1,000 ft	612825309673
1189A 010N1000	Black	Reel w/Small Barrel	1,000 ft	612825108092
1189A 0105000	Black	Reel	5,000 ft	612825108115
1189A 009U500	White	UnReel	500 ft	612825108078
1189A 0091000	White	Reel	1,000 ft	612825108085
1189A 009U1000	White	UnReel	1,000 ft	612825108061
1189A 009N1000	White	Reel w/Small Barrel	1,000 ft	612825108054

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