

49200 Molded Cable Assemblies - Coax Cable Assemblies BNC Connectors



For more Information
please call

1-800-Belden1

Description

BNC cable assemblies. For video display instrumentation, testing and control applications, BNC coax, shielded RG-58C/U coax, polyethylene insulation, PVC jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	19x.0071	TC - Tinned Copper	0.035

Number of Pins 1

Insulation:

Insulation Material

Ins Material	Dia. (in.)
PE - Polyethylene	0.116

Connector Characteristics:

Connector Characteristics - First End Connector GenderMale

Connector Characteristics - First End Connector TypeBNC

Connector Characteristics - First End Overmold ColorBlack

Connector Characteristics - First End Overmold Compound MaterialPVC

Connector Characteristics - First End Overmold TypeBNC handle with flex tail

Connector Characteristics - Second End Connector GenderMale

Connector Characteristics - Second End Connector TypeBNC

Connector Characteristics - Second End Overmold ColorBlack

Connector Characteristics - Second End Overmold Compound MaterialPVC

Connector Characteristics - Second End Overmold TypeBNC handle with flex tail

Outer Shield:

Outer Shield Material

Type	Outer Shield Material	% Coverage (%)
Braid	TC - Tinned Copper	95

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:

Overall Nominal Diameter: 0.195 in.

Assembly Dimensional:

Assembly Dimensional Length 1

Mechanical Characteristics (Overall):

Non-UL Temperature Rating 85°C

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

Military Specification MIL-C-17G, M17/155-00001 (cable only)

RG Type 58C/U

Plenum/Non-Plenum:

Plenum (Y/N) N

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Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
50

Nom. Capacitance Conductor to Shield

Capacitance (pF/ft)
30.800

Nominal Velocity of Propagation

VP (%)
66

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
10.8 ohms per 1000'

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	50.000			3.300
	100.000			4.900
	200.000			7.300
	400.000			11.500
	700.000			17.000
	900.000			20.000
	1000.000			21.500

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.1 ohms per 1000'

Notes (Overall):

Notes Terminations reinforced with molded PVC for strain and flex relief.

Revision Number: 1 Revision Date: 05-14-2007

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