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Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	19x.0071	TC - Tinned Copper	.035

Number of Pins: 1

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.116

Connector Characteristics

Connector Characteristics - First End Connector Gender: Male

Connector Characteristics - First End Connector Type: BNC

Connector Characteristics - First End Overmold Color: Black

Connector Characteristics - First End Overmold Compound Material: PVC

Connector Characteristics - First End Overmold Type: BNC handle with flex tail

Connector Characteristics - Second End Connector Gender: Male

Connector Characteristics - Second End Connector Type: BNC

Connector Characteristics - Second End Overmold Color: Black

Connector Characteristics - Second End Overmold Compound Material: PVC

Connector Characteristics - Second End Overmold Type: BNC 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

49202 Molded Cable Assemblies - Coax Cable Assemblies

Overall Cabling

Overall Nominal Diameter: 0.195 in.

Assembly Dimensional

Assembly Dimensional Length: 3

Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 85°C

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

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

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

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

RG Type: 58C/U

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

50

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

30.8

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.8 ohms per 1000'

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.1 ohms per 1000'

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

50	3.3
100	4.9
200	7.3
400	11.5
700	17.0
900	20.0
1000	21.5

Notes (Overall)

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

49202 Molded Cable Assemblies - Coax Cable Assemblies

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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