



BNC Male Right Angle to BNC Female Bulkhead
Mount Using Flexible RG400 Coax Cable

RF Cable Assemblies Technical Data Sheet

MTCA00056

Configuration

- Connector 1: BNC Male Right Angle
- Connector 2: BNC Female Bulkhead
- Cable Type: RG400

Features

- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

MilesTek's MTCA00056 coaxial cable assembly is a BNC male right angle to BNC female bulkhead mount using flexible RG400 coax cable. MilesTek cables are built using high quality materials and are tested to insure these assemblies meet all performance specifications. Coaxial cable assemblies are stocked in standard lengths and will ship same day. Custom lengths of this cable assembly are also available upon request. These assemblies are part of MilesTek's extensive portfolio of products that are in stock and ship same day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
VSWR			1.4:1	
Velocity of Propagation		69.5		%
Capacitance		32 [104.99]		pF/ft [pF/m]

Electrical Specification Notes:
Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB for the straight connector and 0.2 dB for the right angle connector.

Mechanical Specifications

Cable Assembly

Weight0.143 lbs [64.86 g]

Cable

Cable TypeRG400
Impedance50 Ohms
Inner Conductor TypeStranded
Inner Conductor Material and PlatingCopper, Silver
Dielectric TypePTFE
Number of Shields2

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle to BNC Female Bulkhead Mount Using Flexible RG400 Coax Cable MTCA00056](#)

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Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	BNC Male Right Angle	BNC Female Bulkhead
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating		Brass, Gold
Contact Plating Specification		30μ in. minimum
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100μ in. minimum

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

How to Order

Part Number Configuration:

MTCA00056

- xx

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Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: MTCA00056-12 = 12 inches long cable
MTCA00056-100cm = 100 cm long cable

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Our offering, used primarily in military, R&D and production applications, consists of a comprehensive line of MIL-STD-1553B data bus couplers, harnesses and cable assemblies, connectors and connector termination systems. MilesTek also offers expertise in manufacturing custom cable assemblies and harnesses.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle to BNC Female Bulkhead Mount Using Flexible RG400 Coax Cable MTCA00056](https://www.milestek.com/BNC-Male-BNC-Female-MTRG400U-MTCA00056-p.aspx)

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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. MilesTek reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. MilesTek does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and MilesTek does not assume any liability arising out of the use of any part or documentation.

MTCA00056 CAD Drawing

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