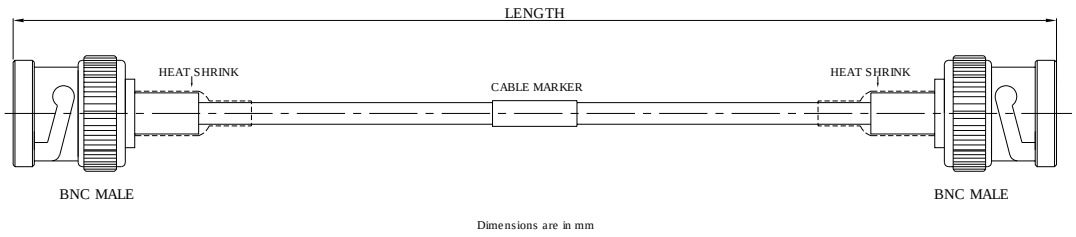
Flexi RF
Reliable RF Components In Stock

Datasheet

P/N: FRR2-BNCMBNCM-XXX

BNC Male to BNC Male Cable Assembly | RG223 Flexible Coax Cable | DC - 3GHz



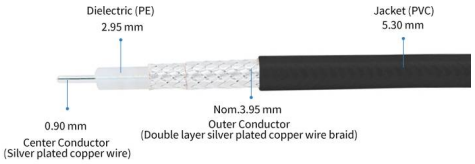


Connectors Configuration

	Connector 1	Connector 2
Connector Series	BNC	BNC
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Brass
Connector Body Plating	Nickel	Nickel

Cable Configuration

Cable Type	RG223
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copper
Dielectric Material	Solid PE
Jacket Material	PVC
Cable Diameter (mm)	5.4
Cable Color	Black
Minimum Bend Radius (mm)	25
Capacitance (pF/m)	100
Velocity of Propagation	66



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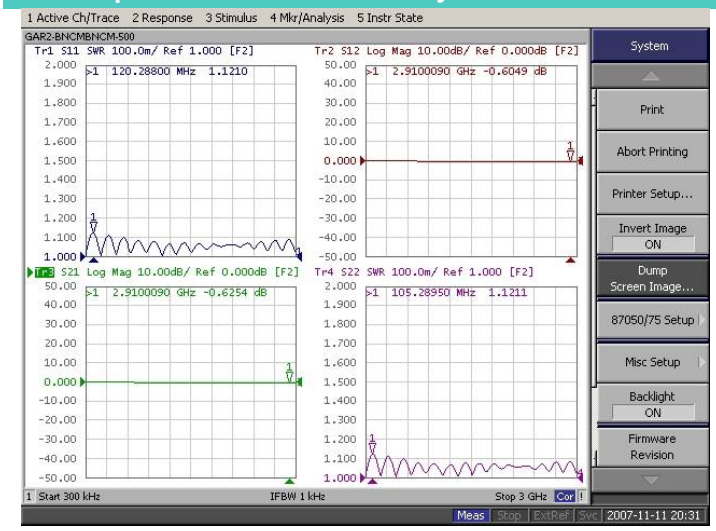
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
1000	±10	DC to 3GHz	1.3 to 3GHz	1.15 to 3GHz
2000	±20			2.12to 3GHz
5000	±50			4.95 to 3GHz

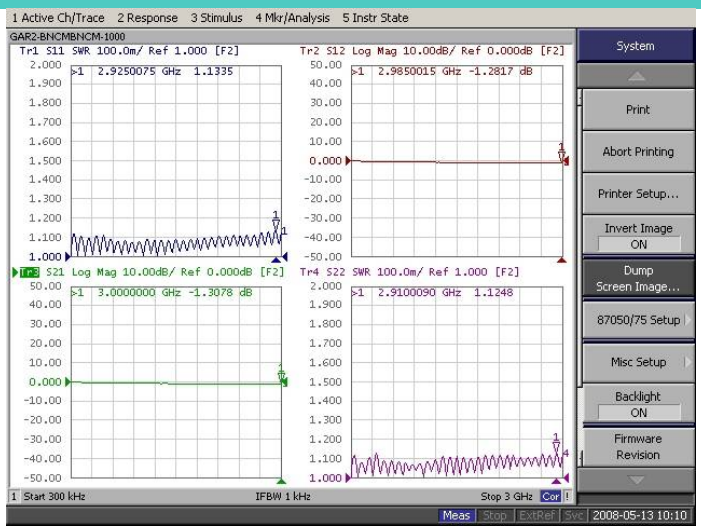
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 ºC to +80 ºC
MIL/STD	N/A

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 500 mm



*Note:Test Cable Assembly Length = 1000 mm

Revision History

Version	Description	Prepared By	Approved By	Date
V1.0	Initial release	Grimm	Hebe	2024-01-01