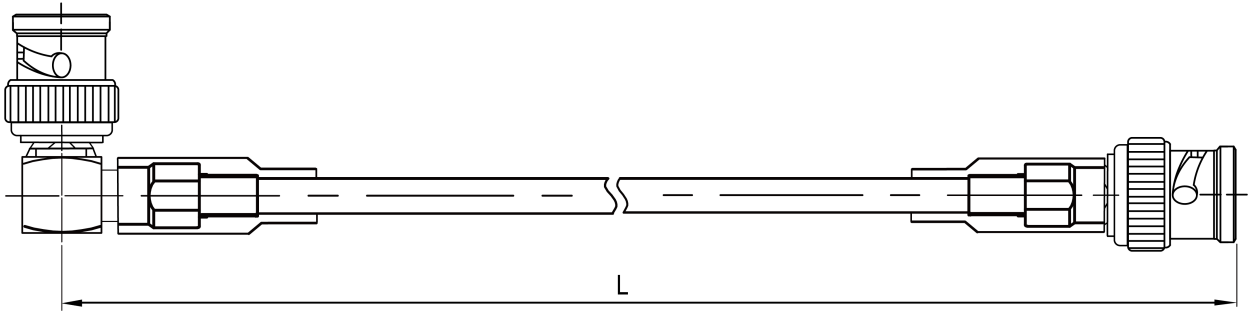




## RG Series Coaxial Cable Assembly, RCG142-BMWBM-L BNC Male to BNC Male, DC-4GHz, $\phi$ 4.95mm

### Dimensions(mm) Tolerance $\pm$ 1%



### Electrical & Environmental

<b>Frequency Range</b>	DC-4GHz, 50 Ohms
<b>Avg Power@25°C</b>	115.5W @4GHz
<b>IL@1M</b>	1.62 dB Max @4GHz
<b>VSWR</b>	1.35 Max
<b>Capacitance</b>	95 pF/m
<b>VOP</b>	70%
<b>SE</b>	80dB Min
<b>Voltage</b>	1400V@DC
<b>OT</b>	-40~+85°C

### Product Information

<b>Product Number</b>	RCG142-BMWBM-L
<b>Product Type</b>	RG Series Coaxial Cable Assembly
<b>Cable</b>	RCG142
<b>Connector</b>	BNC Male to BNC Male
<b>Connector Body</b>	Nickel plated brass
<b>Center Contact</b>	Gold plated brass
<b>Bend Radius</b>	25.00mm
<b>Bend Radius (Rep.)</b>	50.00mm

Customized services: including connectors, length, phase matching/tracking, time delay, and better electrical performance.

### RCG142 Structure Characteristics



Structure	Material	$\Phi$ D(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.93
2.Dielectric	PTFE	2.98
3.Inner shield	Silver-plated Copper Wire Braiding	3.50
4.Outer Shield	Silver-plated Copper Wire Braiding	4.00
5.Jacket	Orange FEP	4.95

### Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	4GHz	4GHz
RCG142-BMWBM-600	1.11 dB	1.16 dB	1.21 dB
RCG142-BMWBM-1M	1.45 dB	1.54 dB	1.62 dB
RCG142-BMWBM-1.3M	1.71 dB	1.82 dB	1.93 dB
RCG142-BMWBM-1.5M	1.88 dB	2.01 dB	2.13 dB
RCG142-BMWBM-2M	2.31 dB	2.48 dB	2.64 dB



RG Series Coaxial Cable Assembly, **RCG142-BMWBM-L**  
BNC Male to BNC Male, DC-4GHz,  $\phi 4.95\text{mm}$

Typical Test Data

RCG142-BMWBM-1.3M

