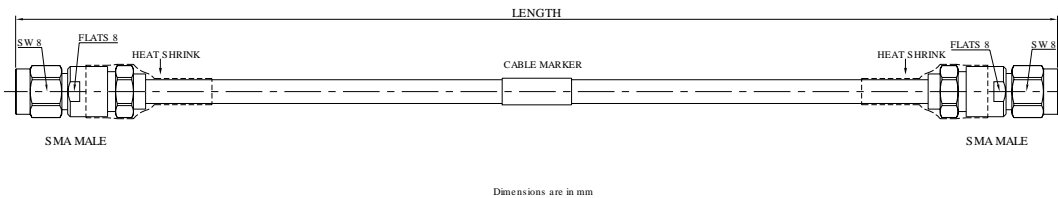


P/N: FRF72-SMMSMM-XXX

SMA Male to SMA Male Cable Assembly | RG-402SS Flexible Coax Cable | DC - 26.5GHz



## Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

## Cable Configuration

Cable Type	RG402 Flexible
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Clad Steel Wire
Dielectric Material	Solid PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Strip
Shield Layer 2 Material	Silver Plated Copper Wire
Jacket Material	FEP
Cable Diameter (mm)	4.14
Cable Color	Green
Minimum Bend Radius (mm)	20
Capacitance (pF/m)	96.5
Velocity of Propagation	70 %

## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
300	±5	DC-26.5GHz	1.35 to 26.5GHz	1.3dB to 26.5GHz
500	±5			1.8dB to 26.5GHz
600	±5			2.1dB to 26.5GHz
800	±10			2.7dB to 26.5GHz
1000	±10			3.3dB to 26.5GHz
1500	±15			4.8dB to 26.5GHz
2000	±20			6.3dB to 26.5GHz
3000	±30			9.3dB to 26.5GHz

## Environmental Specifications

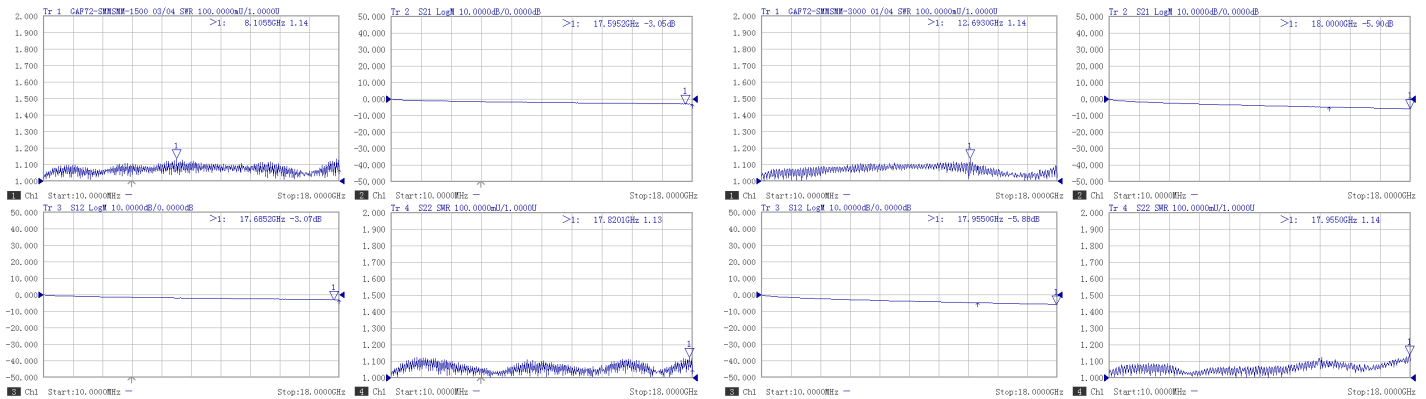
RoHS Compliant

Yes

Operating Temperature Range

-40 °C to +80 °C

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 1500 mm

\*Note: Test Cable Assembly Length = 3000 mm

## Revision History

Version	Description	Prepared By	Approved By	Date
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