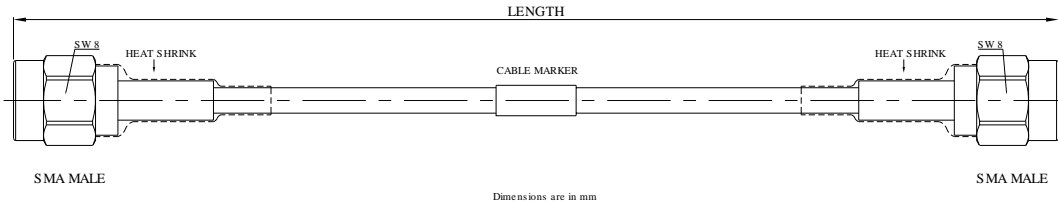


## SMA Male to SMA Male Cable Using RG223 Flexible Coax, DC - 3GHz P/N: FRR2-SMMSMM-XXX



### Product Configuration

Connector 1 Series	SMA
Connector 1 Polarity	Standard
Connector 1 Gender	Male
Connector 1 Impedance (Ohm)	50
Connector 1 Mount Method	None
Connector 1 Body Style	Straight
Connector 2 Series	SMA
Connector 2 Polarity	Standard
Connector 2 Gender	Male
Connector 2 Impedance (Ohm)	50
Connector 2 Mount Method	None
Connector 2 Body Style	Straight
Coax Cable	RG223

### Mechanical Data

Connector 1 Body Material	Brass
Connector 1 Body Plating	Gold
Connector 2 Body Material	Brass
Connector 2 Body Plating	Gold
Out Diameter	5.4mm
Min. Bending Radius	25mm
Mating Cycles, Min	≥500

## SMA Male to SMA Male Cable Using RG223 Flexible Coax, DC - 3GHz

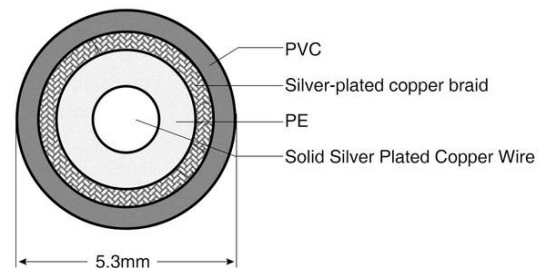
P/N: FRR2-SMMSMM-XXX

### Environmental Specifications

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

### Cable Specifications

Description	Parameter
Center Conductor	Silver plated copper wire
Dielectric	PE
Outer Conductor	Silver-plated copper braid
Jacket	PVC
Jacket Diameter(mm)	5.3
Capacitance(pF/m)	101
Velocity of propagation(%)	66
Min. bending radius(mm)	25
Shielding Effectiveness	> 85dB @ 1GHz



### Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)		VSWR
			1GHz	3GHz	
FRR2-SMMSMM-2000	2000±10	DC-3GHz	1.25	1.86	≤ 1.25 to 3GHz
FRR2-SMMSMM-1500	1500±10	DC-3GHz	0.92	1.45	≤ 1.25 to 3GHz
FRR2-SMMSMM-1000	1000±10	DC-3GHz	0.75	1.02	≤ 1.25 to 3GHz
FRR2-SMMSMM-500	500±5	DC-3GHz	0.61	0.76	≤ 1.25 to 3GHz
FRR2-SMMSMM-200	200±3	DC-3GHz	0.35	0.48	≤ 1.25 to 3GHz

Note: Phase Matching is available by request.