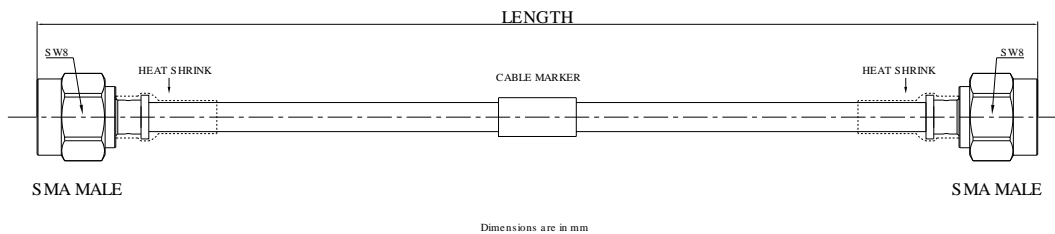


## SMA Male to SMA Male Cable Using RG-405SS Flexible Coax, DC - 26.5GHz

P/N: FRF71-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	RG-405SS

### Mechanical Data

Connector 1 Body Material	Stainless Steel
Connector 1 Body Plating	Passivated
Connector 2 Body Material	Stainless Steel
Connector 2 Body Plating	Passivated
Out Diameter	2.54mm
Min. Bending Radius	6.35mm
Mating Cycles, Min	≥500

## SMA Male to SMA Male Cable Using RG-405SS Flexible Coax, DC - 26.5GHz

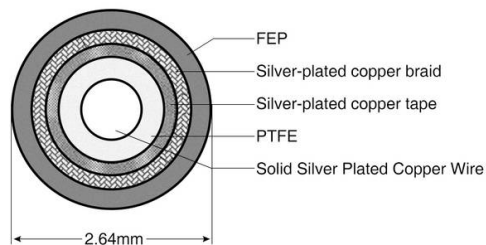
P/N: FRF71-SMMSMM-XXX

### 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	PTFE
Inner Conductor	Silver-plated copper tape
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	2.64
Capacitance(pF/m)	96.5
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Shielding Effectiveness	> -100dB @ 1GHz



### Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤(dB)				VSWR
			3GHz	5GHz	10GHz	18GHz	
FRF71-SMMSMM-2000	2000±10	DC-26.5GHz	2.42	3.86	5.29	6.65	≤ 1.25 to 18GHz
FRF71-SMMSMM1500	1500±10	DC-26.5GHz	1.87	2.89	4.0	5.15	≤ 1.25 to 18GHz
FRF71-SMMSMM1000	1000±10	DC-26.5GHz	1.33	1.92	2.71	3.65	≤ 1.25 to 18GHz
FRF71-SMMSMM-500	500±5	DC-26.5GHz	0.785	0.95	1.42	2.15	≤ 1.25 to 18GHz
FRF71-SMMSMM-300	300±3	DC-26.5GHz	0.53	0.65	0.96	1.49	≤ 1.25 to 18GHz
FRF71-SMMSMM-200	200±3	DC-26.5GHz	0.404	0.51	0.74	1.16	≤ 1.25 to 18GHz
FRF71-SMMSMM-100	100±3	DC-26.5GHz	0.27	0.35	0.52	0.83	≤ 1.25 to 18GHz

Note: Phase Matching is available by request.