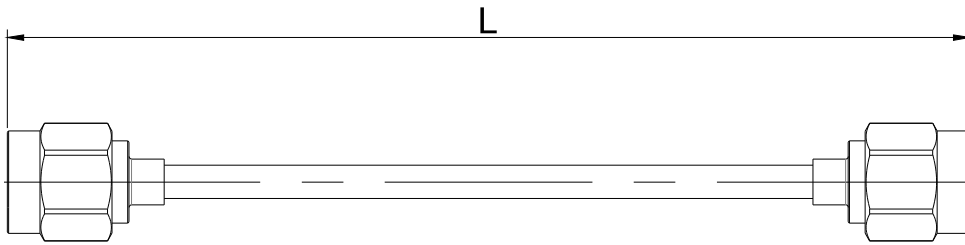


## SMA Male to SMA Male Cable Using .086" Semi-flexible Coax, DC-26.5 GHz

P/N: FR711-SMMSMM-XXX



SMA MALE

SMA MALE

Dimensions are in mm



### 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	UT-085-Form

### 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	2.2mm
Min. Bending Radius	6mm
Mating Cycles, Min	≥500

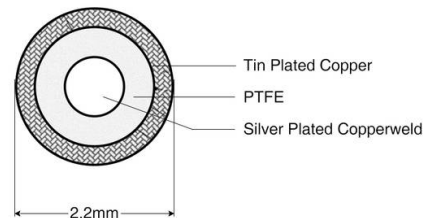
## SMA Male to SMA Male Cable Using .086" Semi-flexible Coax, DC-26.5 GHz P/N: FR711-SMMSMM-XXX

### Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40°C to +155°C
MIL/STD	N/A

### Cable Specifications

Description	Parameter
Center Conductor	Silver Plated Copperweld
Dielectric	PTFE
Jacket	Tin Plated Copper
Jacket Diameter(mm)	2.2
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6



### Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)				VSWR
			3GHz	5GHz	10GHz	18GHz	
FR711-SMMSMM-1000	1000±10	DC-26.5GHz	1.33	1.92	2.71	3.65	1.25 to 18GHz
FR711-SMMSMM-500	500±3	DC-26.5GHz	0.785	0.95	1.42	2.15	1.25 to 18GHz
FR711-SMMSMM-300	300±3	DC-26.5GHz	0.53	0.65	0.96	1.49	1.25 to 18GHz
FR711-SMMSMM-200	200±3	DC-26.5GHz	0.404	0.51	0.74	1.16	1.25 to 18GHz
FR711-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.