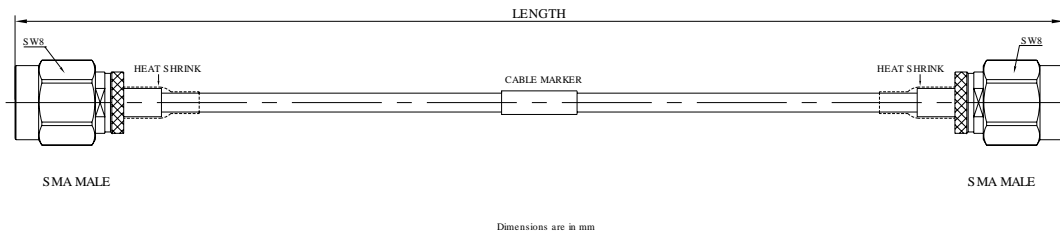


SMA Male to SMA Male Cable Using RG178 Flexible Coax, DC - 6GHz P/N: FRR8-SMMSMM-XXX



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	RG178

Mechanical Data

Connector 1 Body Material	Brass
Connector 1 Body Plating	Gold
Connector 2 Body Material	Brass
Connector 2 Body Plating	Gold
Out Diameter	1.83mm
Min. Bending Radius	15mm
Mating Cycles, Min	≥500

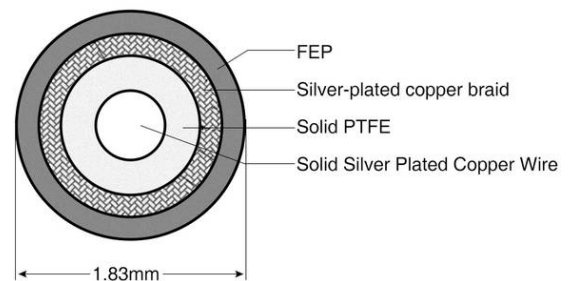
SMA Male to SMA Male Cable Using RG178 Flexible Coax, DC - 6GHz P/N: FRR8-SMMSMM-XXX

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	Solid PTFE
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	1.83
Capacitance(pF/m)	96.45
Velocity of propagation(%)	70
Bending radius(mm)	10



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)		VSWR
			1GHz	3GHz	
FRR8-SMMSMM-2000	2000±10	DC-6GHz	3.05	5.35	≤ 1.20 to 2GHz
FRR8-SMMSMM-1000	1000±10	DC-6GHz	0.65	2.95	≤ 1.20 to 2GHz
FRR8-SMMSMM-800	800±5	DC-6GHz	1.33	2.44	≤ 1.20 to 2GHz
FRR8-SMMSMM-500	500±5	DC-6GHz	0.95	1.75	≤ 1.20 to 2GHz
FRR8-SMMSMM-100	100±3	DC-6GHz	0.28	0.52	≤ 1.20 to 2GHz

Note: Phase Matching is available by request.