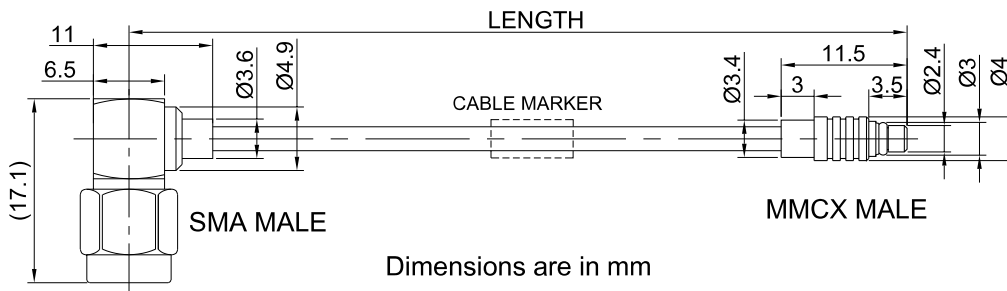


P/N: FR711-SMWMMMCXM-XXX

SMA Right Angle Male to MMCX Male Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 6GHz



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	MMCX
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Right Angle	Straight
Connector Body Material	Brass	Brass
Connector Body Plating	Gold	Gold

Cable Configuration

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	Solid extruded PTFE
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Cable Diameter (mm)	2.2
Cable Color	Silver
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	< -110dB @ 1GHz



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Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 3GHz	1.3	0.27
150	±3			0.34
200	±3			0.41
250	±3			0.47
300	±5			0.53
400	±5			0.66
500	±5			0.79

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40°C to +125°C