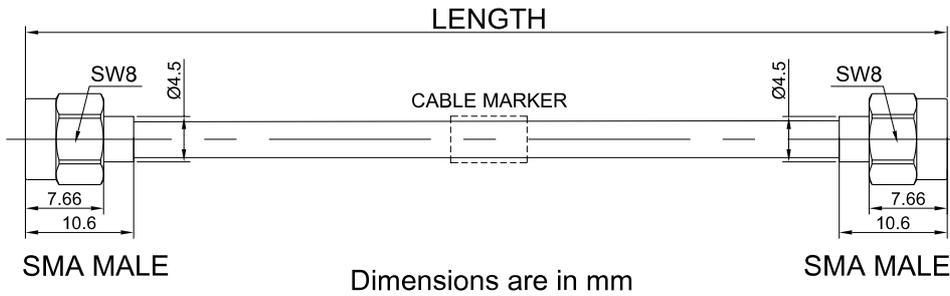


P/N: FR721-SMM2SMM2-XXX

SMA Male With Slip-On Nut to SMA Male With Slip-On Nut Cable Assembly | .141" Semi-flexible Cable without Jacket □ DC-6GHz



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

Cable Configuration

Cable Type	Semi-flexible
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	PTFE
Number of Shields	1
Shield Layer 1 Material	Tin-soaked, Tin Plated Copper (T)
Cable Diameter (mm)	3.6
Cable Color	Silver
Minimum Bend Radius (mm)	10
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	>100dB



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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-6GHz	1.3	0.59
200	±3			0.79
300	±5			0.99
400	±5			1.19
500	±5	DC-6GHz		1.38

Environmental Specifications

RoHS Compliant

Yes

Operating Temperature Range

-40°C to +125°C

Test Report for Cable assembly

