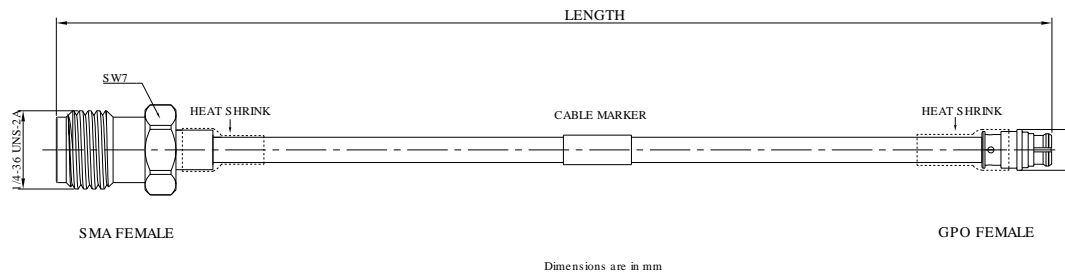


SMA Female to GPO (SMP) Female Cable Using .086" Semi-flexible Coax P/N: **FR712-SMFGPF-XXX**
with FEP Jacket, DC - 18GHz



Product Configuration

Connector 1 Series	SMA
Connector 1 Polarity	Standard
Connector 1 Gender	Female
Connector 1 Impedance (Ohm)	50
Connector 1 Mount Method	None
Connector 1 Body Style	Straight
Connector 2 Series	GPO(SMP)
Connector 2 Polarity	Standard
Connector 2 Gender	Female
Connector 2 Impedance (Ohm)	50
Connector 2 Mount Method	None
Connector 2 Body Style	Straight
Coax Cable	UT-085-Form-FEP

Mechanical Data

Connector 1 Body Material	Brass
Connector 1 Body Plating	Gold
Connector 2 Body Material	Beryllium Copper
Connector 2 Body Plating	Gold
Out Diameter	2.54mm
Min. Bending Radius	6mm
Mating Cycles, Min	≥500

SMA Female to GPO (SMP) Female Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 18GHz

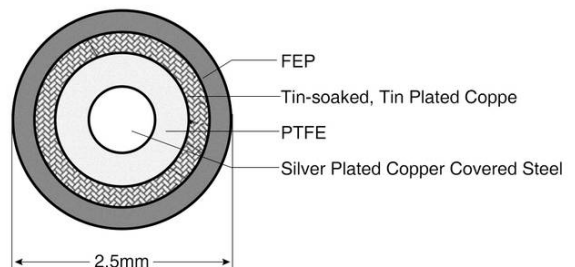
P/N: FR712-SMFGPF-XXX

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 Covered Steel
Dielectric	PTFE
Outer Conductor	Tin-soaked, Tin Plated Coppe
Jacket	FEP
Jacket Diameter(mm)	2.5
Capacitance(pF/m)	94
Velocity of propagation(%)	71
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	
FR712-SMFGPF-1000	1000±10	DC-26.5GHz	1.33	1.92	2.71	3.65	≤ 1.35 to 18GHz
FR712-SMFGPF-500	500±5	DC-26.5GHz	0.785	0.95	1.42	2.15	≤ 1.35 to 18GHz
FR712-SMFGPF-300	300±3	DC-26.5GHz	0.53	0.65	0.96	1.49	≤ 1.35 to 18GHz
FR712-SMFGPF-200	200±3	DC-26.5GHz	0.404	0.51	0.74	1.16	≤ 1.35 to 18GHz
FR712-SMFGPF-100	100±3	DC-26.5GHz	0.27	0.35	0.52	0.83	≤ 1.35 to 18GHz

Note: Phase Mathching is available by request.