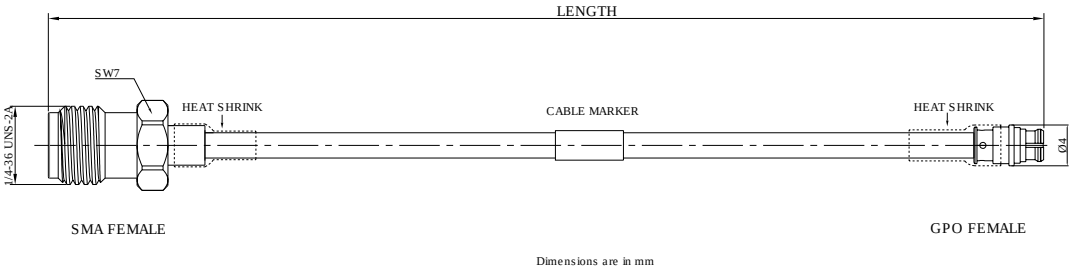
Datasheet

P/N: GA712-SMFGPF-XXX

SMA Female to GPO(SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 26.5GHz



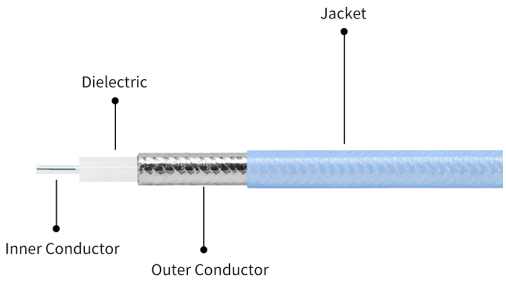


Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	GPO(SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Beryllium Copper
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
Shield Layer 1 Material	Tin Plated Copper
Jacket Material	FEP
Cable Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	< -110dB @ 1GHz



Gwave Technology Inc

(888)251-2240

87 Patricia Ct, Mountain View, CA 94041

sales@gwavetech.com

www.gwavetech.com

P/N: GA712-SMFGPF-XXX

SMA Female to GPO(SMP) Female Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 26.5GHz

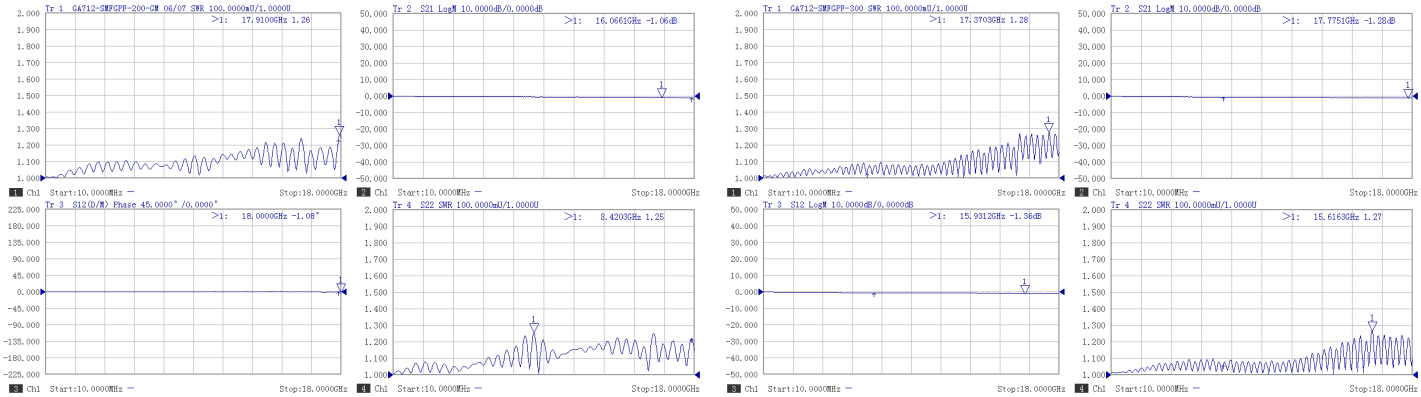
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 26.5GHz	17dB to 18GHz	0.83 to 18GHz
150	±3			0.95 to 18GHz
200	±3			1.16 to 18GHz
250	±3			1.35 to 18GHz
300	±5			1.49 to 18GHz
400	±5			1.85 to 18GHz
500	±5			2.15 to 18GHz

Enviromental Specifications

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

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 200 mm

*Note:Test Cable Assembly Length = 300 mm

Gwave Technology Inc
(888)251-2240
87 Patricia Ct, Mountain View, CA 94041
sales@gwavetech.com
www.gwavetech.com