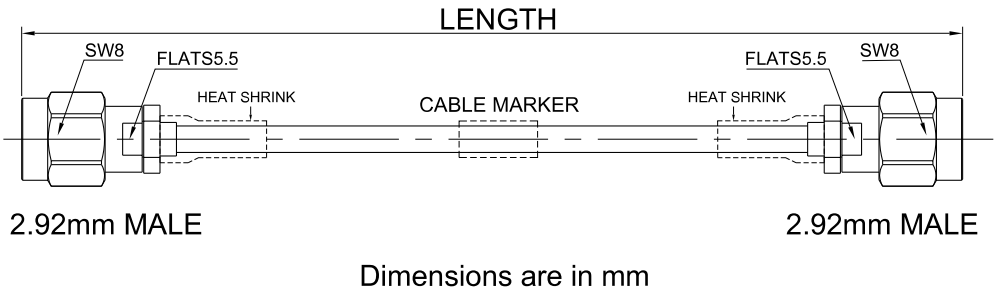
Gwave
Fast Delivery RF Parts.

Datasheet

P/N: GA712-292M292M-XXX

2.92mm Male to 2.92mm Male Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz



Dimensions are in mm

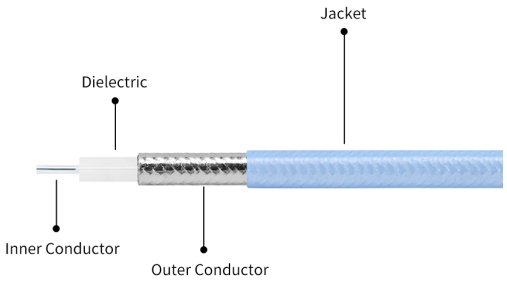


Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	2.92mm
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	.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



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2.92mm Male to 2.92mm Male Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 40GHz

Electrical Data

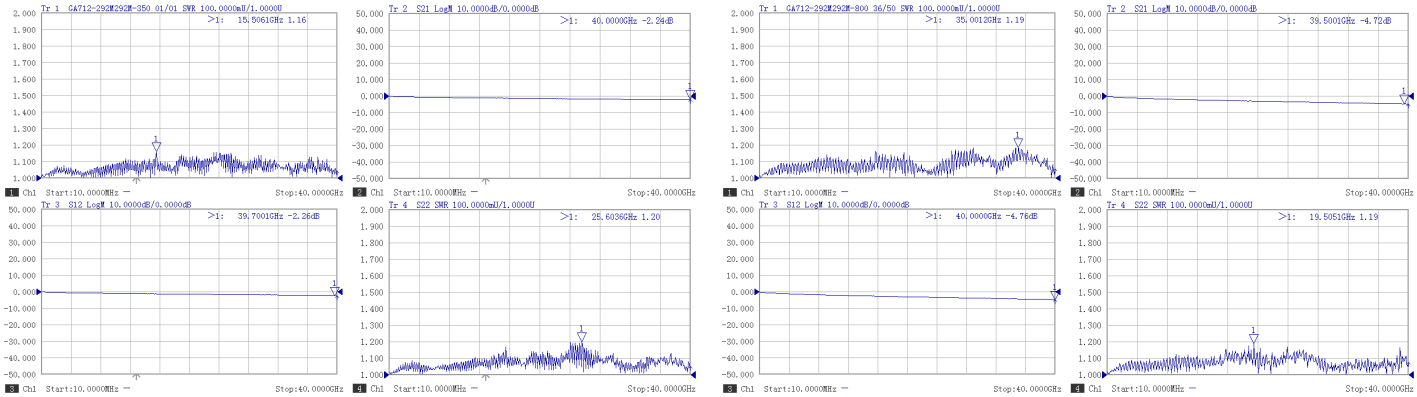
Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	≤1.40	1.32
150	±3			1.63
200	±3			1.94
250	±3			2.25
300	±5			2.56
400	±5			3.21
500	±5			3.82

Enviromental Specifications

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

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 350 mm

*Note:Test Cable Assembly Length = 800 mm