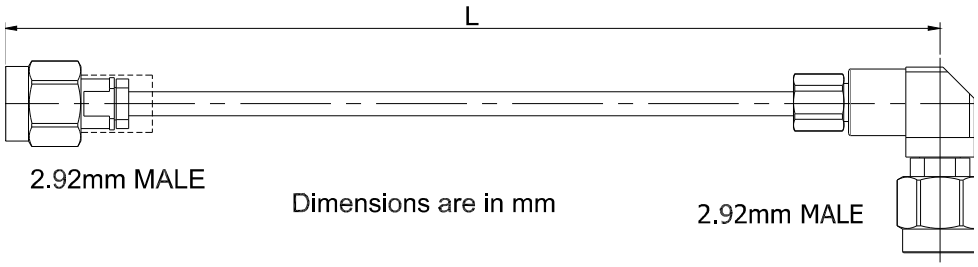
Datasheet

P/N: GAU2-292M292WM-XXX

2.92mm Male to 2.92mm Right Angle Male Cable Assembly | 3506 Series Low Loss Phase Stable Flexible Coax Cable | DC - 40GHz



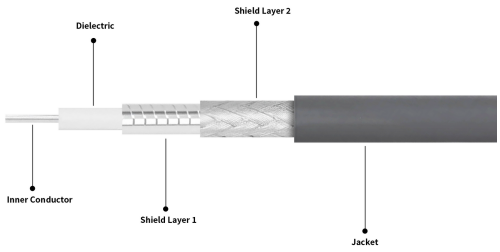


Connectors Configuration

	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	Right Angle
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

Cable Configuration

Cable Type	GT3506 flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	LD-PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	2.2
Cable Color	Gray
Minimum Bend Radius (mm)	11
Capacitance (pF/m)	94
Velocity of Propagation	82%
Shielding Effectiveness	< -100dB @ 1GHz



Gwave Technology Inc

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

P/N: GAU2-292M292WM-XXX

2.92mm Male to 2.92mm Right Angle Male Cable Assembly | 3506 Series Low Loss Phase Stable Flexible Coax Cable | DC - 40GHz

Electrical Data

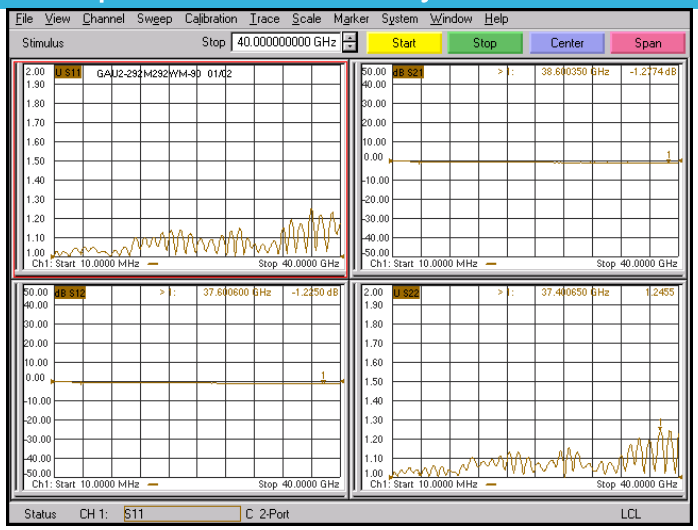
Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	1.44	1.12
150	±3			1.33
200	±3			1.54
250	±3			1.82
300	±5			2.06
400	±5			2.57
500	±5			2.98
600	±5			3.46
800	±10		1.35	4.42
1000	±10			5.32
1500	±15			7.52

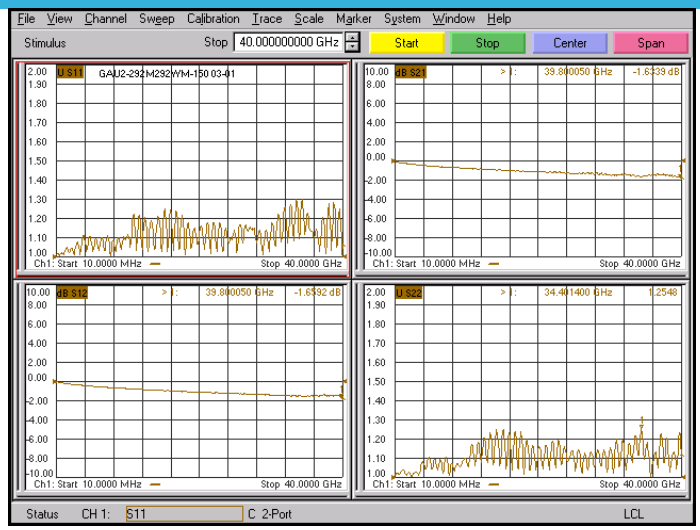
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55 ºC to +125 ºC

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 90 mm



*Note:Test Cable Assembly Length = 150 mm

Gwave Technology Inc

(888)251-2240

87 Patricia Ct, Mountain View, CA 94041

sales@gwavetech.com

www.gwavetech.com