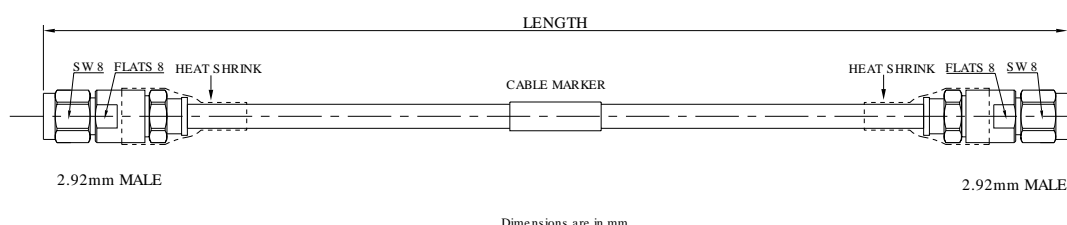


P/N: FRU3-292M292M-XXX

## 2.92mm Male to 2.92mm Male Cable Assembly | 3507 Series Low Loss Phase Stable Flexible Coax Cable | DC - 40GHz

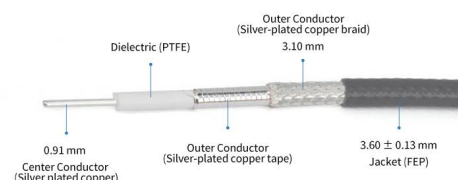


### Connectors Configuration

	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	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

### Cable Configuration

Cable Type	3507 Series Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copper
Dielectric Material	ePTFE
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)	3.6
Cable Color	Gray



P/N: FRU3-292M292M-XXX

2.92mm Male to 2.92mm Male Cable Assembly | 3507 Series Low Loss Phase Stable Flexible Coax Cable | DC - 40GHz

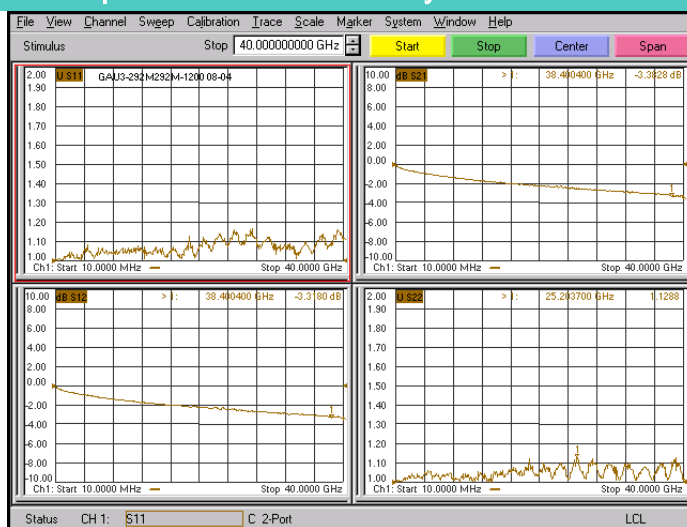
## Electrical Data

Electrical Specifications for Different Length		
Length (mm)	Length Tolerance (mm)	Insertion Loss $\leq$ (dB)
200	$\pm 3$	1.08dB to 40GHz
400	$\pm 5$	1.58dB to 40GHz
500	$\pm 5$	1.86dB to 40GHz
600	$\pm 5$	2.12dB to 40GHz
800	$\pm 10$	2.72dB to 40GHz
1000	$\pm 10$	3.16dB to 40GHz
1500	$\pm 15$	4.46dB to 40GHz
2000	$\pm 20$	5.76dB to 40GHz
3000	$\pm 30$	8.36dB to 40GHz

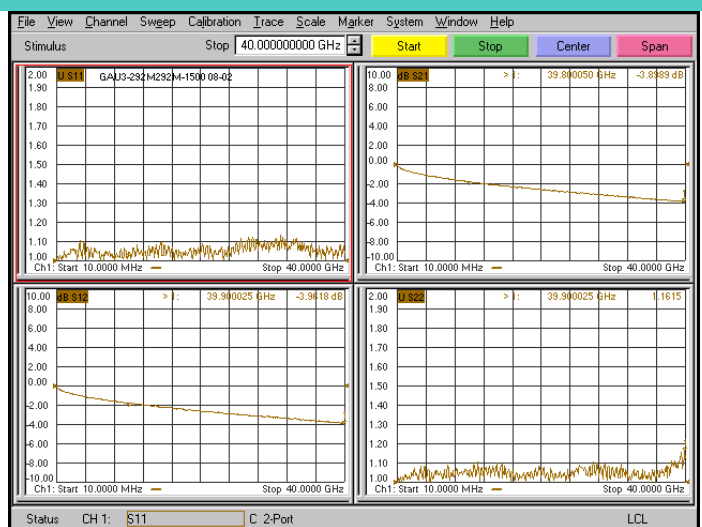
## Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55 °C to +125 °C

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 1200 mm



\*Note: Test Cable Assembly Length = 1500 mm