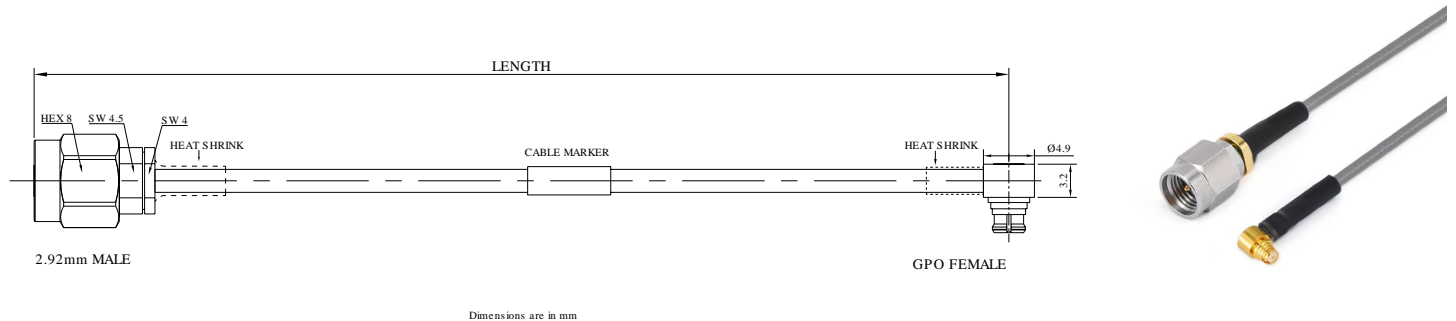


## 2.92mm Male to GPO (SMP) Female Right Angle Cable Using 3506 P/N: FRU2-292MGPWF-XXX Series Low Loss Phase Stable Flexible Coax, DC - 18GHz



### Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	GPO(SMP)
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	None	None
Connector Body Style	Straight	Right Angle
Connector Body Material	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	Gold

### Cable Configuration

Cable Type	GT3506
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
Jacket Diameter (mm)	2.2
Cable Color	Grey
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	82%
Shielding Effectiveness	> -100dB @ 1GHz

2.92mm Male to GPO (SMP) Female Right Angle Cable Using 3506 P/N: FRU2-292MGPWF-XXX  
 Series Low Loss Phase Stable Flexible Coax, DC - 18GHz

## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-40GHz	10dB to 40GHz	1.12 to 40GHz
200	±3			1.54 to 40GHz
300	±5			2.06 to 40GHz
500	±5			2.98 to 40GHz
800	±10			4.42 to 40GHz
1000	±10			5.32 to 40GHz
1500	±15			7.52 to 40GHz
2000	±20			9.75 to 40GHz

## Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 °C to +80 °C
MIL/STD	N/A