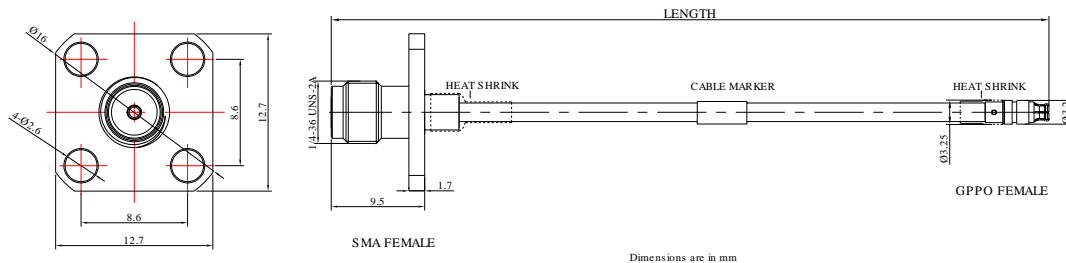


## SMA Female with 4 Hole Flange to GPPO (Mini-SMP) Female Cable P/N: FRF71-SMFFGPPF-XXX Using RG-405SS Flexible Coax, DC - 18GHz

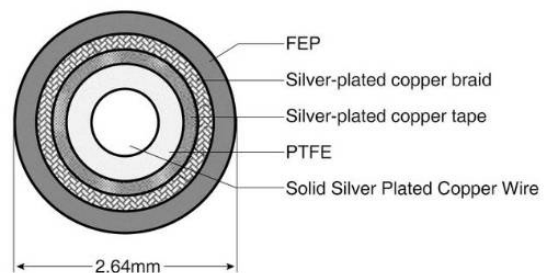


### Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	4 Hole Flange	None
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Beryllium Copper
Connector Body Plating	Gold	Gold

### Cable Configuration

Cable Type	RG-405SS
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	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)	2.64
Cable Color	Turquoise
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	96.5
Velocity of Propagation	70%
Shielding Effectiveness	> -100dB @ 1GHz



**SMA Female with 4 Hole Flange to GPPO (Mini-SMP) Female Cable P/N: FRF71-SMFFGPPF-XXX**  
**Using RG-405SS 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	16dB to 18GHz	0.83 to 18GHz	0.83 to 18GHz
200	±3		1.16 to 18GHz	1.16 to 18GHz
300	±5		1.49 to 18GHz	1.49 to 18GHz
500	±5		2.15 to 18GHz	2.15 to 18GHz
800	±10		3.14 to 18GHz	3.14 to 18GHz
1000	±10		3.65 to 18GHz	3.65 to 18GHz
1500	±15		5.15 to 18GHz	5.15 to 18GHz
2000	±20		6.65 to 18GHz	6.65 to 18GHz

## Environmental Specifications

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