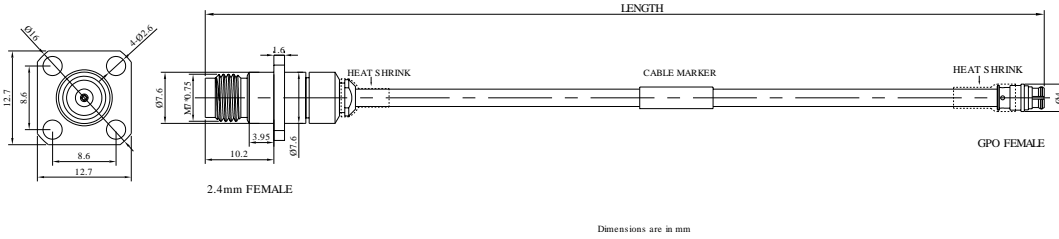


## 2.4mm Female with 4 Hole Flange to GPO (SMP) Female Cable Using RG-405SS Flexible Coax, DC - 50GHz

P/N: FRF71-24FFGPF-XXX



### Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.4mm	GPO(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	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	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

**2.4mm Female with 4 Hole Flange to GPO (SMP) Female Cable**  
**Using RG-405SS Flexible Coax, DC - 50GHz**

**P/N: FRF71-24FFGPF-XXX**

## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-50GHz	10dB to 50GHz	1.32 to 40GHz
200	±3			1.94 to 40GHz
300	±5			2.56 to 40GHz
500	±5			3.82 to 40GHz
800	±10			5.66 to 40GHz
1000	±10			6.9 to 40GHz
1500	±15			10.0 to 40GHz
2000	±20			13.5 to 40GHz

## Environmental Specifications

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