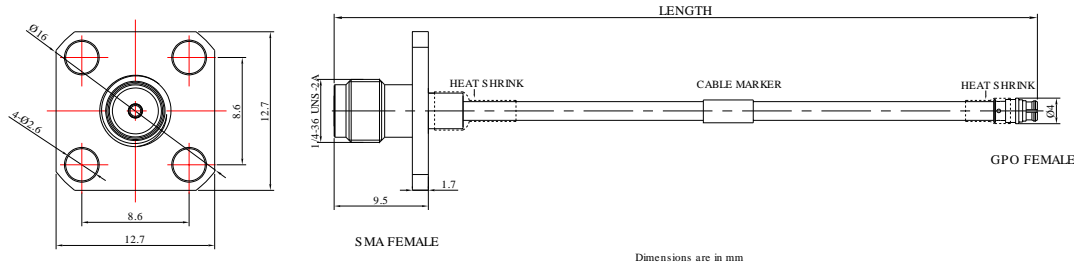


**SMA Female with 4 Hole Flange to GPO (SMP) Female Cable Using RG-405SS Flexible Coax, DC - 18GHz** P/N: FRF71-SMFFGPF-XXX



## Product Configuration

Connector 1 Series	SMA
Connector 1 Polarity	Standard
Connector 1 Gender	Female
Connector 1 Impedance (Ohm)	50
Connector 1 Mount Method	4 Hole Flange
Connector 1 Body Style	Straight
Connector 2 Series	GPO(SMP)
Connector 2 Polarity	Standard
Connector 2 Gender	Female
Connector 2 Impedance (Ohm)	50
Connector 2 Mount Method	None
Connector 2 Body Style	Straight
Coax Cable	RG-405SS

## Mechanical Data

Connector 1 Body Material	Brass
Connector 1 Body Plating	Gold
Connector 2 Body Material	Beryllium Copper
Connector 2 Body Plating	Gold
Out Diameter	2.54mm
Min. Bending Radius	6.35mm
Mating Cycles, Min	≥500

## SMA Female with 4 Hole Flange to GPO (SMP) Female Cable Using RG-405SS Flexible Coax, DC - 18GHz

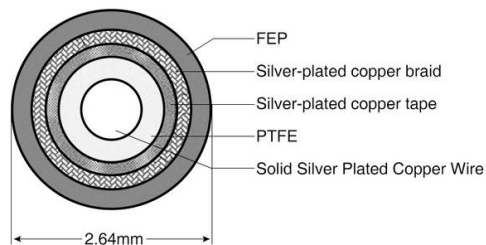
P/N: FRF71-SMFFGPF-XXX

### Environmental Specifications

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

### Cable Specifications

Description	Parameter
Center Conductor	Silver plated copper wire
Dielectric	PTFE
Inner Conductor	Silver-plated copper tape
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	2.64
Capacitance(pF/m)	96.5
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Shielding Effectiveness	> -100dB @ 1GHz



### Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)			VSWR
			3GHz	10GHz	18GHz	
FRF71-SMFFGPF-1000	1000±10	DC-18GHz	1.89	2.88	3.99	≤ 1.35 to 18GHz
FRF71-SMFFGPF-500	500±5	DC-18GHz	1.03	1.60	2.28	≤ 1.35 to 18GHz
FRF71-SMFFGPF-300	300±3	DC-18GHz	0.69	1.09	1.50	≤ 1.35 to 18GHz
FRF71-SMFFGPF-200	200±3	DC-18GHz	0.52	0.83	1.16	≤ 1.35 to 18GHz
FRF71-SMFFGPF-100	100±3	DC-18GHz	0.35	0.58	0.79	≤ 1.35 to 18GHz

Note: Phase Matching is available by request.