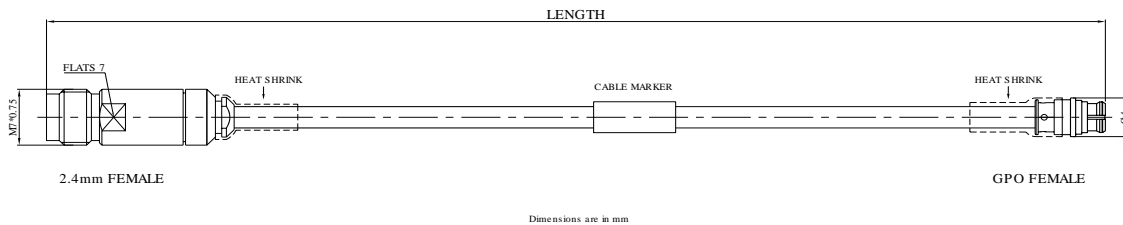


2.4mm Female to GPO (SMP) Female Cable Using RG-405SS Flexible Coax, DC - 50GHz

P/N: FRF71-24FGPF-XXX



Product Configuration

Connector 1 Series	2.4mm
Connector 1 Polarity	Standard
Connector 1 Gender	Female
Connector 1 Impedance (Ohm)	50
Connector 1 Mount Method	None
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	Stainless Steel
Connector 1 Body Plating	Passivated
Connector 2 Body Material	Beryllium Copper
Connector 2 Body Plating	Gold
Out Diameter	2.54mm
Min. Bending Radius	6.35mm
Mating Cycles, Min	≥500

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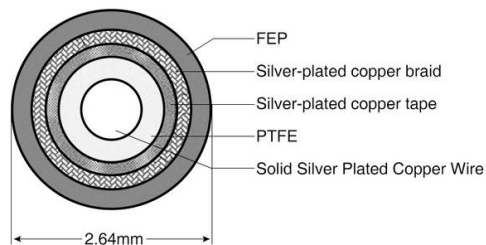
P/N: FRF71-24FGPF-XXX

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	
FRF71-24FGPF-1000	1000±10	DC-50GHz	1.89	2.88	3.99	≤ 1.35 to 18GHz
FRF71-24FGPF-500	500±5	DC-50GHz	1.03	1.60	2.28	≤ 1.35 to 18GHz
FRF71-24FGPF-300	300±3	DC-50GHz	0.69	1.09	1.50	≤ 1.35 to 18GHz
FRF71-24FGPF-200	200±3	DC-50GHz	0.52	0.83	1.16	≤ 1.35 to 18GHz
FRF71-24FGPF-100	100±3	DC-50GHz	0.35	0.58	0.79	≤ 1.35 to 18GHz

Note: Phase Matching is available by request.