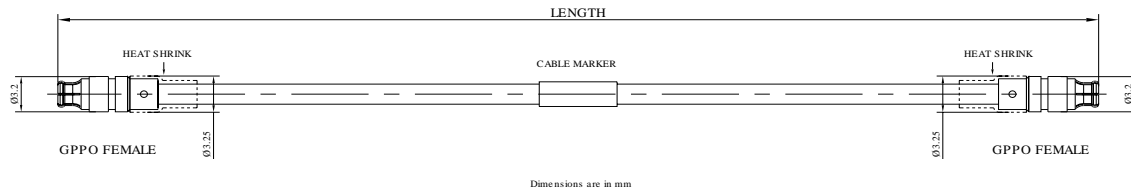


**GPPO (Mini-SMP) Female to GPPO (Mini-SMP) Female Cable Using RG- P/N: FRF71-GPPFGPPF-XXX
405SS Flexible Coax, DC - 40GHz**



Product Configuration

Connector 1 Series	GPPO(Mini-SMP)
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	GPPO(Mini-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	Beryllium Copper
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

GPPO (Mini-SMP) Female to GPPO (Mini-SMP) Female Cable Using RG-405SS Flexible Coax, DC - 40GHz

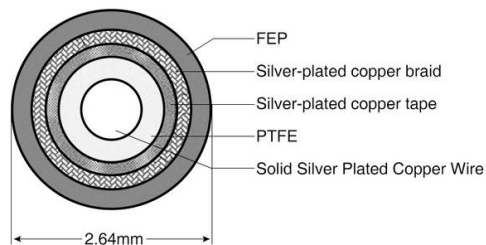
P/N: FRF71-GPPFGPPF-XXX

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
			1GHz	5GHz	10GHz	18GHz	
FRF71-GPPFGPPF-1000	1000±10	DC-40GHz	0.84	1.92	2.71	3.49	≤ 10dB to 40GHz
FRF71-GPPFGPPF-500	500±5	DC-40GHz	0.495	0.95	1.42	1.85	≤ 10dB to 40GHz
FRF71-GPPFGPPF-300	300±3	DC-40GHz	0.357	0.65	0.96	1.18	≤ 10dB to 40GHz
FRF71-GPPFGPPF-200	200±3	DC-40GHz	0.288	0.51	0.74	0.859	≤ 10dB to 40GHz
FRF71-GPPFGPPF-100	100±3	DC-40GHz	0.219	0.35	0.52	0.529	≤ 10dB to 40GHz

Note: Phase Matching is available by request.