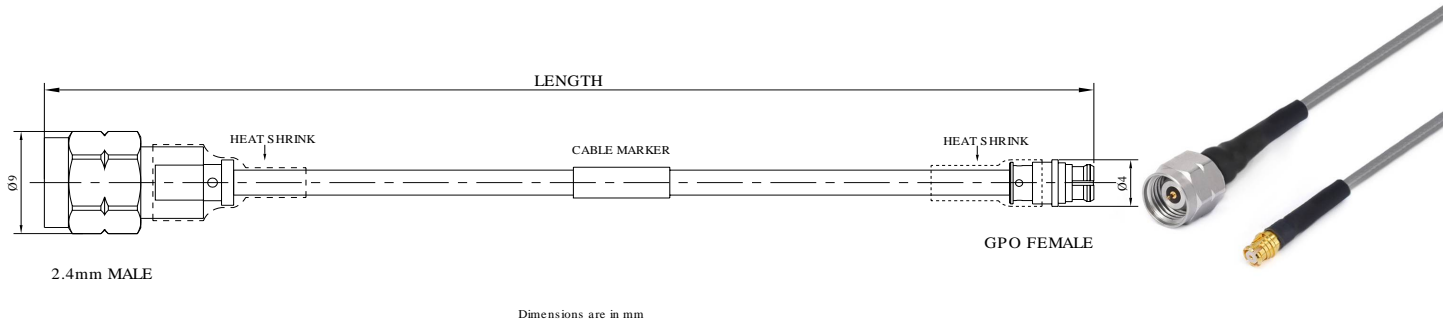


2.4mm Male to GPO (SMP) Female Cable Using 3506 Series Low Loss Phase Stable Flexible Coax, DC - 18GHz P/N: FRU2-24MGPF-XXX



Product Configuration

Connector 1 Series	2.4mm
Connector 1 Polarity	Standard
Connector 1 Gender	Male
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	3506

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	2.2mm
Min. Bending Radius	6mm
Mating Cycles, Min	≥500

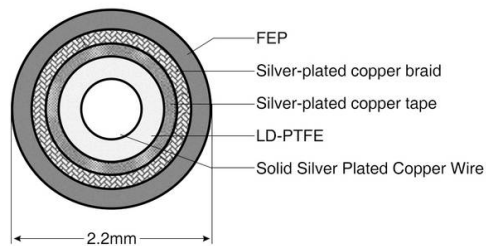
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Environmental Specifications

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	LD-PTFE
Inner Conductor	Silver-plated copper tape
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	2.2
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Shielding Effectiveness	> 90dB @ 1GHz



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)				VSWR
			3GHz	5GHz	10GHz	18GHz	
FRU2-24MGPF-1000	1000±10	DC-18GHz	1.40	1.70	2.50	3.35	≤ 1.35 to 18GHz
FRU2-24MGPF-800	800±5	DC-18GHz	1.16	1.40	2.06	2.83	≤ 1.35 to 18GHz
FRU2-24MGPF-700	700±5	DC-18GHz	1.03	1.24	1.84	2.52	≤ 1.35 to 18GHz
FRU2-24MGPF-500	500±5	DC-18GHz	0.785	0.95	1.42	1.94	≤ 1.35 to 18GHz
FRU2-24MGPF-300	300±3	DC-18GHz	0.53	0.65	0.96	1.36	≤ 1.35 to 18GHz
FRU2-24MGPF-260	260±3	DC-18GHz	0.48	0.59	0.87	1.22	≤ 1.35 to 18GHz
FRU2-24MGPF-200	200±3	DC-18GHz	0.404	0.51	0.74	1.06	≤ 1.35 to 18GHz
FRU2-24MGPF-100	100±3	DC-18GHz	0.27	0.35	0.52	0.75	≤ 1.35 to 18GHz

Note: Phase Matching is available by request.