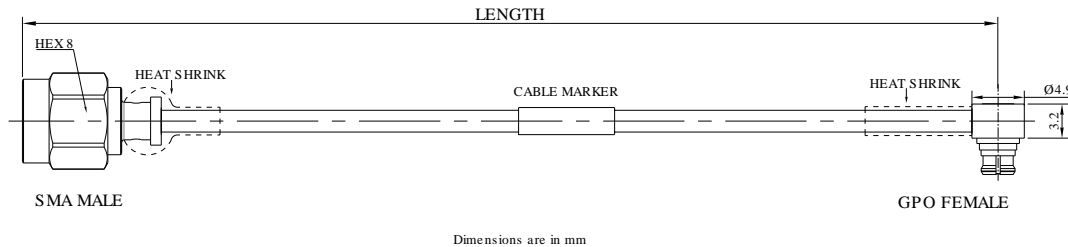


SMA Male to GPO (SMP) Female Right Angle Cable Using 3506 Series **P/N: FRU2-SMMGPWF-XXX**
Low Loss Phase Stable Flexible Coax, DC - 40GHz



Product Configuration

Connector 1 Series	SMA
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	Right Angle
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

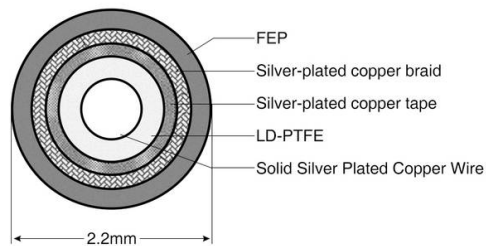
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Environmental Specifications

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-SMMGPWF-10000	10000±50	DC-26.5GHz	13.2	16.5	24.5	29.8	≤ 1.35 to 18GHz
FRU2-SMMGPWF-1000	1000±10	DC-26.5GHz	1.40	1.70	2.50	3.35	≤ 1.35 to 18GHz
FRU2-SMMGPWF-800	800±5	DC-26.5GHz	1.16	1.40	2.06	2.83	≤ 1.35 to 18GHz
FRU2-SMMGPWF-500	500±5	DC-26.5GHz	0.785	0.95	1.42	1.94	≤ 1.35 to 18GHz
FRU2-SMMGPWF-300	300±3	DC-26.5GHz	0.53	0.65	0.96	1.36	≤ 1.35 to 18GHz
FRU2-SMMGPWF-260	260±3	DC-26.5GHz	0.48	0.59	0.87	1.22	≤ 1.35 to 18GHz
FRU2-SMMGPWF-200	200±3	DC-26.5GHz	0.404	0.51	0.74	1.06	≤ 1.35 to 18GHz
FRU2-SMMGPWF-100	100±3	DC-26.5GHz	0.27	0.35	0.52	0.75	≤ 1.35 to 18GHz

Note: Phase Matching is available by request.