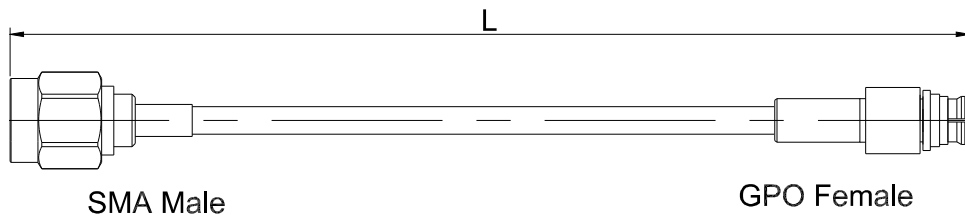


SMA Male to GPO (SMP) Female Cable Using RG316 Series flexible Coax, DC - 3GHz

P/N: FRR3-SMMGPF-XXX



Dimensions are in mm



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	Straight
Coax Cable	RG316

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	2.56mm±0.13
Min. Bending Radius	15mm
Mating Cycles, Min	≥500

SMA Male to GPO (SMP) Female Cable Using RG316 Series flexible Coax, DC - 3GHz

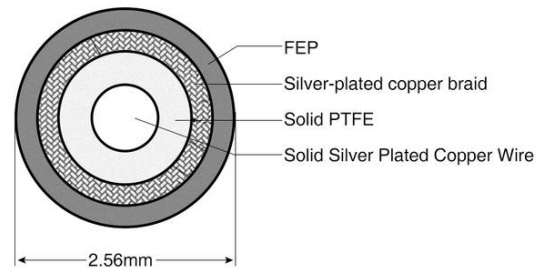
P/N: FRR3-SMMGPF-XXX

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55 °C to +165 °C
MIL/STD	N/A

Cable Specifications

Description	Parameter
Center Conductor	Silver plated copper wire
Dielectric	Solid PTFE
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	2.56
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	15
Shielding Effectiveness	> 70dB @ 1GHz



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)		VSWR
			1GHz	3GHz	
FRR3-SMMGPF-5000	5000±25	DC-3GHz	4.65	7.85	≤ 1.25 to 3GHz
FRR3-SMMGPF-2000	2000±10	DC-3GHz	1.95	3.25	≤ 1.25 to 3GHz
FRR3-SMMGPF-1000	1000±10	DC-3GHz	1.05	1.75	≤ 1.25 to 3GHz
FRR3-SMMGPF-500	500±5	DC-3GHz	0.65	1.04	≤ 1.25 to 3GHz
FRR3-SMMGPF-200	200±5	DC-3GHz	0.47	0.74	≤ 1.25 to 3GHz

Note: Phase Matching is available by request.