

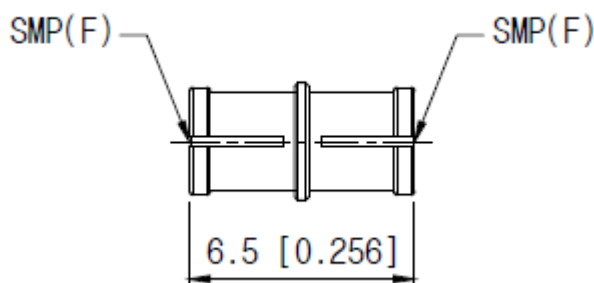
SMP Female to SMP Female Bullet

P/N: PFS-ADP-PFS-01

► Specification

www.gigalane.com

Unit : mm [inch]



Electrical

Frequency	DC ~ 40 GHz
Impedance	50 Ω
VSWR	DC ~ 40 GHz 1.3:1 max
Insulation Resistance	Min 5000 MΩ
Dielectric Withstand Voltage	500 Vrms (@sea level) 125 Vrms (@ 70,1000ft)
Contact Resistance - Outer Conductor - Inner Conductor	2.0 MΩ max 6.0 MΩ max
RF Leakage	-70 dB @ 3 GHz

Mechanical

Mating Cycle(Durability)	500
Axial Misalignment	0 ~ 0.25 mm
Radial Misalignment	+/- 0.25 mm
Center to Center Spacing (min)	0.17 in (4.32 mm)

Materials

Body	BeCu (Gold Plated)
Center Contact	BeCu (Gold Plated)
Insulator	PTFE

Environmental

Temperature	- 40°C to + 125°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion (salt Spray)	MIL-STD-202, Method 101, Condition B, 5% salt
Shock	MIL-STD-202, Method 213, Test condition I
Vibration	MIL-STD-202, Method 204, Condition D
Moisture Resistance	MIL-STD-202, Method 106