

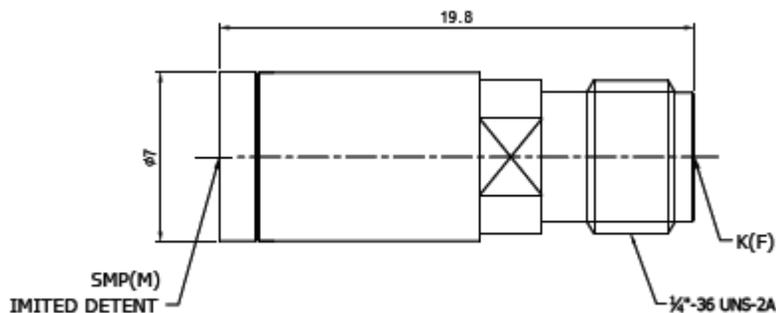
# SMP Male to 2.92mm Female Adapter

## P/N: PMS-ADP-KFS-F1/L1/S1

### ► 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	2.0 MΩ max
- Inner Conductor	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)

### Mechanical Force for Shrouds

Part No.	PMS-ADP-KFS-F1	PMS-ADP-KFS-L1	PMS-ADP-KFS-S1
Mechanical Force for shrouds	Full Detent	Limited Detent	Smooth Bore
Force to engage (max)	6.8 kg	4.5 kg	0.9 kg
Force to disengage (min)	2.3 kg	0.9 kg	0.2 kg
Durability cycle (min)	100	500	1,000

### Materials

Body	Stainless Steel (Passivated)
Center Contact	BeCu (Gold Plated) Brass (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