

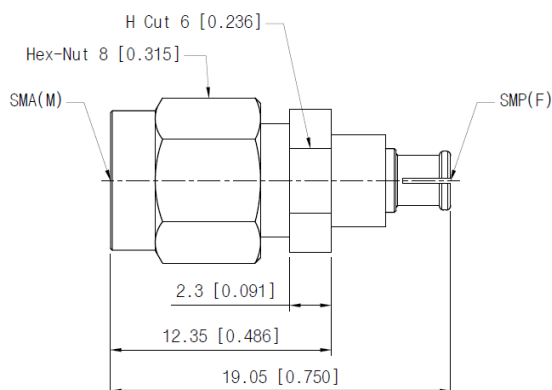
SMP Female to SMA Male Adapter

P/N: PFS-ADP-SMS-01

► Specification

www.gigalane.com

Unit : mm [inch]



Electrical

| | |
|----------------|--------------------------|
| Frequency | DC ~ 18 GHz |
| Impedance | 50 Ω |
| Insertion Loss | IL [dB] = Max. 0.06 X √F |
| VSWR | DC ~ 18 GHz 1.2:1 max |

Materials

| | |
|----------------|--|
| Body | Stainless Steel (Passivated) BeCu (Gold Plated) |
| Center Contact | BeCu (Gold Plated) |
| Insulator | PTFE |

Mechanical

| | |
|--|--|
| Mating Cycle(Durability) | 500 |
| Recommended Mating Torque Proof Torque | SMA : 0.9 ~ 1.13 Nm / 8 ~10 lbs 1.7 Nm / 15 lbs |
| Coupling Nut Retention Force | SMA : 270 N / 27.7 kfg / 61 lbs |
| Axial Misalignment | SMP : 0 ~ 0.25 mm |
| Radial Misalignment | SMP : +/- 0.25 mm |
| Center to Center Spacing (min) | 0.17 in (4.32mm) |

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 |