

RF, Microwave, and mmWave Interconnects

Series 806 RF Mil-Aero Multi-Port Circular Connectors



852-157 G-LinkRF 852-256 SMA Adapters

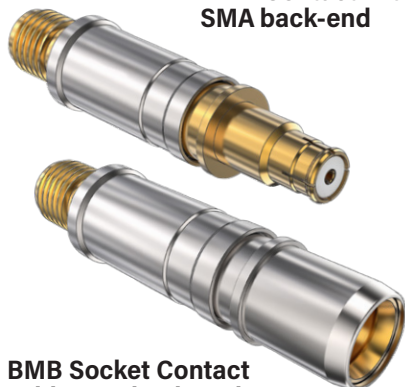
- 50 Ohm
- Size 8
- 18 GHz BMB Style

- Solder-Free Termination
- Female SMA Adapter
- Integral Release Sleeve

50 Ohm

G-LinkRF

BMB Pin Contact with
SMA back-end

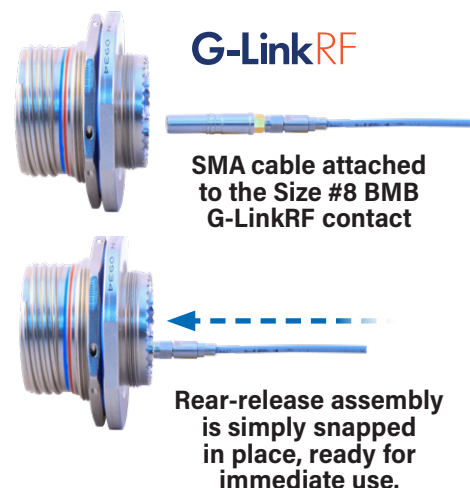


BMB Socket Contact
with SMA back-end

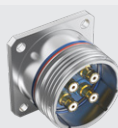
G-LinkRF SMA cable adapter. 18 GHz. 50 ohm. Size 8. Snap-in, rear-release BMB coax contacts fit Glenair Series 806 Mil-Aero RF connectors with size 8 contact cavities. The G-LinkRF BMB-interface contact features a female SMA adapter and integral release sleeve ready for direct, solder-free attachment of male SMA-equipped cables. Combine with 45° and 90° SMA adapters for assemblies with different escape lengths and angled exits.

PART NUMBER

Pin Contact	Socket Contact
852-157	852-256



CONNECTOR COMPATIBILITY



- Series 806 RF connectors with size 8 RF contact cavities (806 RF size 8 contacts are not compatible with standard Series 806 Mil-Aero contact layouts)

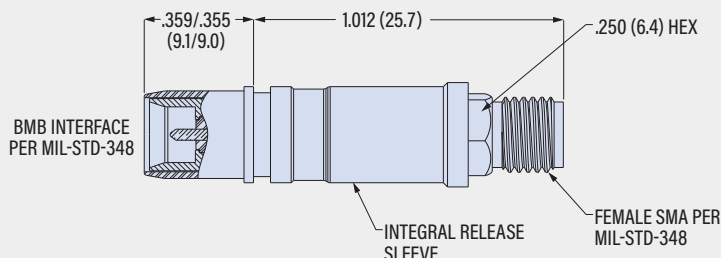
CONSTRUCTION

- Center contact: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- SMA Body: copper alloy, gold over nickel plating
- Front Body: copper alloy, gold over nickel plating
- Socket contact outer sleeve: SST, passivated
- Socket contact spring: SST, passivated
- Integral release sleeve: SST, passivated

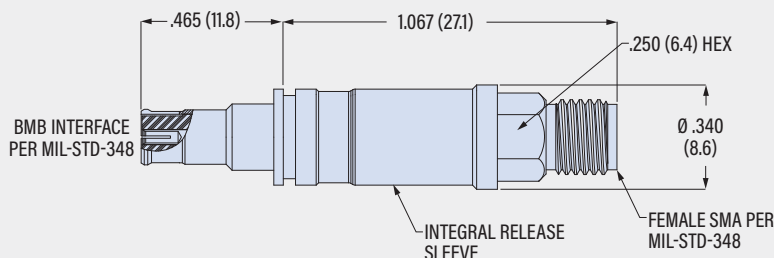
SPECIFICATIONS

- Operating temperature: -55 °C to +125 °C
- Dielectric withstanding voltage: 1000 Vac rms
- Frequency range: DC - 18 GHz
- VSWR: 1.45 maximum
- Impedance: 50 ohms
- Durability: 500 mating cycles

852-256 G-LINK RF SOCKET CONTACT



852-157 G-LINK RF PIN CONTACT



ADAPTERS

For tight clearance applications, pair with angled adapters. See RF Connector Adapters section for more information.



GRF05-0031 90°



GRF05-0032 45°

SERIES 806 MULTI-PORT RF CONNECTORS