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# Huang Liang BMA Female to SMA Female 2-Hole Flange Mount Adapter

SKU
ACC-HL-00062
MPN
160-A610.118

**Description**

The Huang Liang BMA Female to SMA Female 2-Hole Flange Mount Adapter (Part Number: 160-A610.118) is a high-quality 50 Ω coaxial RF adapter. This adapter features a BMA Female interface with a straight body and 2-hole flange front mount, compatible with BMA Male interfaces. The SMA Female interface also has a straight body and 2-hole flange rear mount, compatible with SMA Male interfaces.

Operating within a frequency range of 0 GHz to 18 GHz, this adapter is suitable for various applications, including military, telecommunications, and aerospace. Constructed from stainless steel (303) with a passivated finish, it ensures durability and corrosion resistance. The inner contacts are made from beryllium copper with gold plating, enhancing signal integrity and reliability.

Designed to perform in extreme conditions, it operates between -65 °C and 125 °C. Huang Liang ensures compliance with ISO 9001 Quality Management and RoHS standards...

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**Huang Liang**

Huang Liang is a Taiwanese manufacturer of precision coaxial connectors, adapters and cable assemblies. The company provide solutions to different industries including military, telecommunications, and aerospace.

Over 30 years of experience in developing and designing RF products, Huang Liang has overcome many challenges, resulting in unmatched expertise in the field of RF technology. Huang Liang ...

RF Connector Interface

| RF Interface | Body Shape | Mounting |
|---|---|---|
| BMA Female | Straight | 2-Hole Flange |
| SMA Female | Straight | 2-Hole Flange |

# RF Specification

Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 375 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ

VSWR Measurement

| Frequency | VSWR | Insertion Loss |
| --- | --- | --- |
| 18000 MHz | ≤ 1.3:1 | 0.25 dB |

# Physical Specification

Body Material

Stainless Steel (303)

Body Plating

Passivated

Insulator Material

PTFE / Teflon

Compliance/Certifications

ISO 9001 Quality Management

,

RoHS

Contact Material

Beryllium Copper

Contact Plating

Gold

Min. Operating Temperature

-65 °C

Max. Operating Temperature

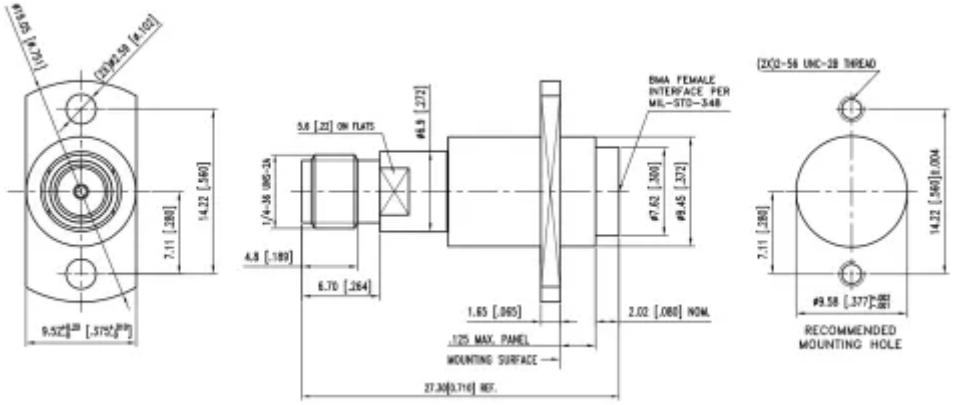
125 °C

Mating Cycles

> 500

Drawing

Image



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