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# Huang Liang BMA Female to SMA Female Bulkhead Mount Adapter

SKU
ACC-HL-00063
MPN
160-A615.188

**Description**

The Huang Liang BMA Female to SMA Female Bulkhead Mount Adapter (Part Number: 160-A615.188) is a high-quality 50 Ω coaxial RF adapter operating in the 0 to 18 GHz frequency range. It features a BMA female interface with a straight body and front bulkhead mount, compatible with BMA male interfaces, and an SMA female interface with a straight body and rear bulkhead mount, compatible with SMA male interfaces.

Constructed from stainless steel (303) with a passivated finish and gold-plated beryllium copper inner contacts, this adapter ensures durability and reliable performance. It operates in temperatures ranging from -65 °C to 125 °C. The product meets ISO 9001 Quality Management standards and is RoHS compliant, ensuring high quality and environmental safety.

Manufactured by Huang Liang, a Taiwanese company with over 30 years of experience in RF technology, this adapter benefits from extensive expertise in precision coaxial connectors...

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Huang Liang
TECHNOLOGIES CO., LTD.

**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 | Bulkhead |
| SMA Female | Straight | Bulkhead |

# RF Specification

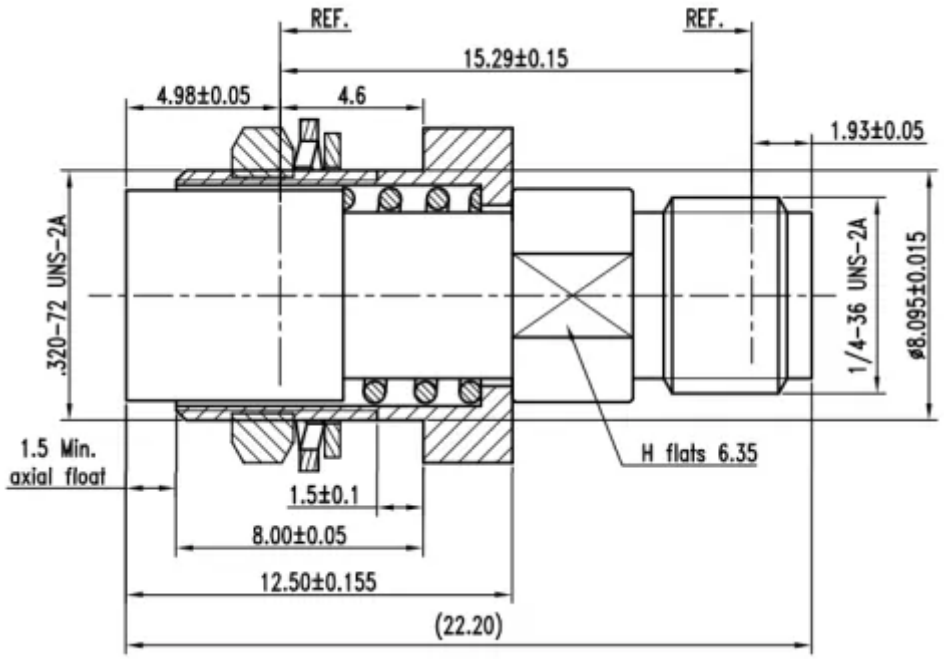
Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 375 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 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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