

# 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  $\Omega$  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



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	Input Impedance:	50
Stop Frequency:	18 GHz	Inner Contact Resistance:	$\leq 6 \text{ m}\Omega$
RF Operating Voltage:	$\geq 375 \text{ Vrms}$	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 2 \text{ m}\Omega$

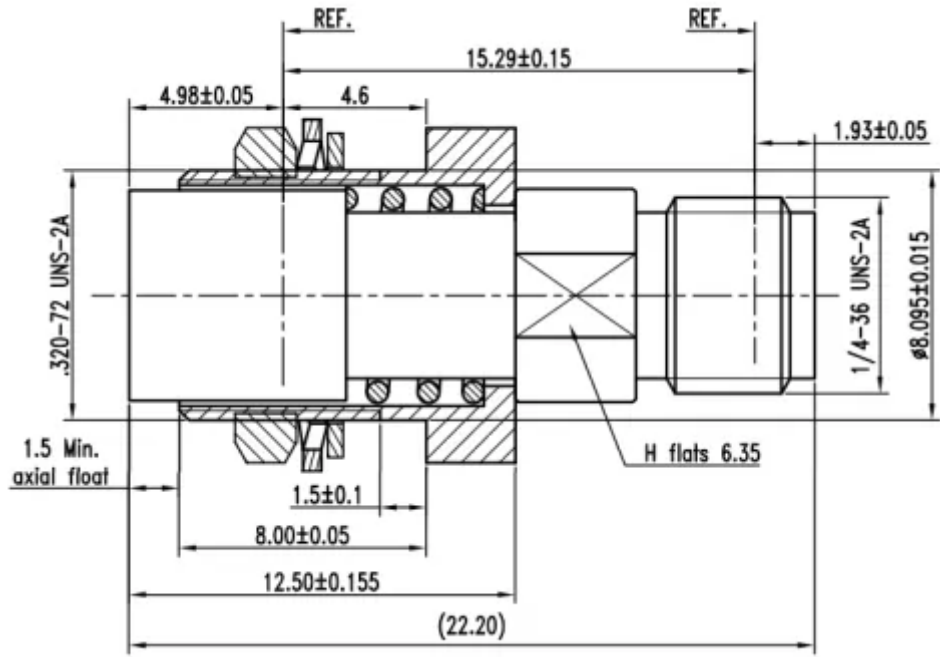
## VSWR Measurement

Frequency	VSWR	Insertion Loss
18000 MHz	$\leq 1.3:1$	0.25 dB

## Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	125 °C
RoHS		Mating Cycles:	> 500

# Drawing



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