

Huang Liang Mini-SMP Female to SMA Female Adapter

SKU: ACC-HL-00077
 MPN: 159-A045.111

Description

The Huang Liang Mini-SMP Female to SMA Female Adapter (Part Number: 159-A045.111) is a high-quality 50 Ω coaxial RF adapter. It features a Mini-SMP Female interface with a Radius Right Angle body and a Free Hanging mount, compatible with Mini-SMP Male interfaces. The other end has an SMA Female interface with a Straight body and Free Hanging mount, compatible with SMA Male interfaces. Operating within a frequency range of 0 GHz to 18 GHz, this adapter is ideal for various RF applications.

Constructed from Stainless Steel (303) with a Passivated finish, it ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, offering excellent conductivity. The adapter functions reliably in temperatures ranging from -55 °C to 155 °C. It meets ISO 9001 Quality Management and RoHS standards, reflecting its superior quality and compliance with industry regulations.

Manufactured by Huang Liang, a...

[Read More](#)

RF Connector Interface



| RF Interface | Body Shape | Mounting |
|-----------------|--------------------|--------------|
| Mini-SMP Female | Radius Right Angle | Free Hanging |
| SMA Female | Straight | Free Hanging |

Huang Liang

RF Specification



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 ...

| | | | |
|-----------------------|-------------------------|---------------------------|-----------------------------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 18 GHz | Inner Contact Resistance: | $\leq 6 \text{ m}\Omega$ |
| RF Operating Voltage: | $\geq 325 \text{ Vrms}$ | Insulation Resistance: | $\geq 5000 \text{ m}\Omega$ |
| | | Outer Contact Resistance: | $\leq 2 \text{ m}\Omega$ |

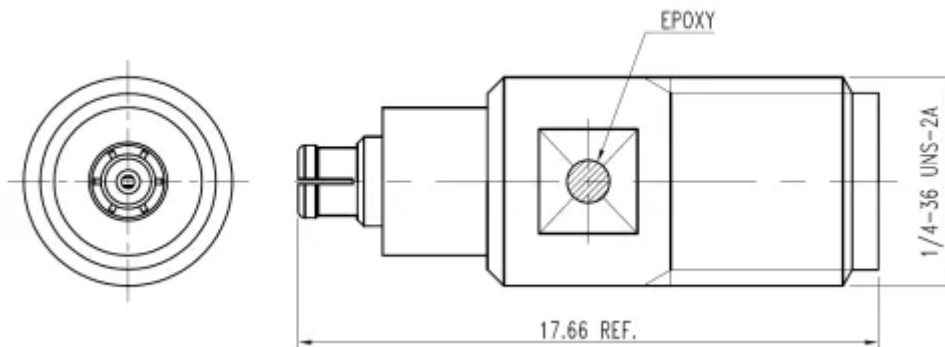
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|--------------|----------------|
| 18000 MHz | $\leq 1.3:1$ | 0.2 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: | -55 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Max. Operating Temperature: | 155 °C |
| RoHS | | Mating Cycles: | > 500 |

Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

