

Huang Liang MMCX Female to SMA Female Precision Adapter

SKU: ACC-HL-00065
MPN: 101-A750.199

Description

The Huang Liang MMCX Female to SMA Female Precision Adapter (Part Number: 101-A750.199) is a high-quality 50 Ω coaxial RF adapter. It features an MMCX Female interface and an SMA Female interface, both with straight body shapes and free-hanging mounting mechanisms, making them compatible with MMCX Male and SMA Male interfaces respectively. Operating within a frequency range of 0 GHz to 6 GHz, this adapter is suitable for a variety of applications.

Constructed from stainless steel (303) with a passivated finish, the adapter ensures durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, providing excellent conductivity and reliability. The adapter functions effectively in a wide temperature range from -55 °C to 155 °C.

Huang Liang, a Taiwanese manufacturer with over 30 years of experience in RF technology, ensures that this product complies with ISO 9001 Quality Management standards and RoHS...

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RF Connector Interface



| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| MMCX Female | Straight | 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: | 6 GHz | Inner Contact Resistance: | ≤ 6 mΩ |
| RF Operating Voltage: | ≥ 170 Vrms | Insulation Resistance: | ≥ 5000 mΩ |
| | | Outer Contact Resistance: | ≤ 3 mΩ |

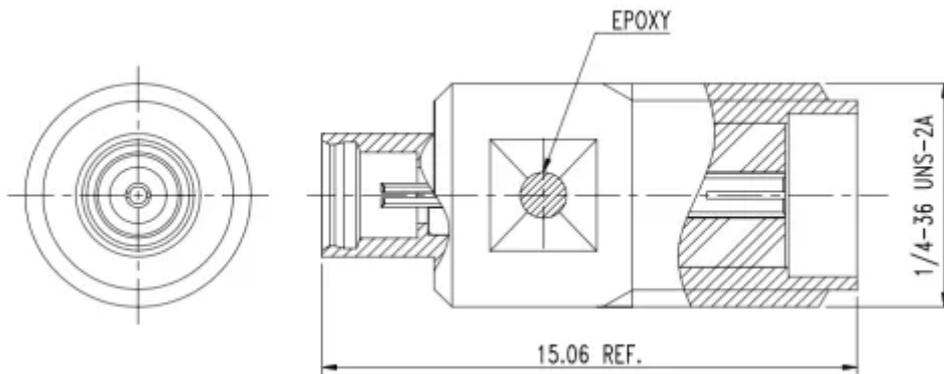
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|---------|----------------|
| 6000 MHz | ≤ 1.3:1 | 0.3 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



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