

Huang Liang MMCX Male to SMA Female Precision Adapter

SKU: ACC-HL-00064

MPN: 101-A740.199

Description

The Huang Liang MMCX Male to SMA Female Precision Adapter (Part Number: 101-A740.199) is a high-quality 50 Ω coaxial RF adapter. Featuring an MMCX Male interface with a straight, free-hanging design compatible with MMCX Female interfaces, and an SMA Female interface with a similar configuration compatible with SMA Male interfaces, this adapter operates across a frequency range of 0 GHz to 6 GHz.

Constructed from stainless steel (303) with a passivated finish, this adapter ensures durability and corrosion resistance. The inner contacts, made of beryllium copper with gold plating, offer enhanced conductivity and reliability. It functions effectively within a temperature range of -65 °C to 165 °C, making it suitable for various demanding environments.

Compliant with ISO 9001 Quality Management and RoHS standards, this adapter exemplifies Huang Liang's commitment to quality. With over 30 years of experience, Huang Liang is renowned for its...

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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 |
|--------------|------------|--------------|
| MMCX Male | Straight | Free Hanging |
| SMA Female | Straight | Free Hanging |

RF Specification

| | | | |
|-----------------------|-------------------------|---------------------------|-----------------------------|
| Start Frequency: | 0 GHz | Input Impedance: | 50 |
| Stop Frequency: | 6 GHz | Inner Contact Resistance: | $\leq 6 \text{ m}\Omega$ |
| RF Operating Voltage: | $\geq 170 \text{ Vrms}$ | Insulation Resistance: | $\geq 5000 \text{ m}\Omega$ |
| | | Outer Contact Resistance: | $\leq 2 \text{ m}\Omega$ |

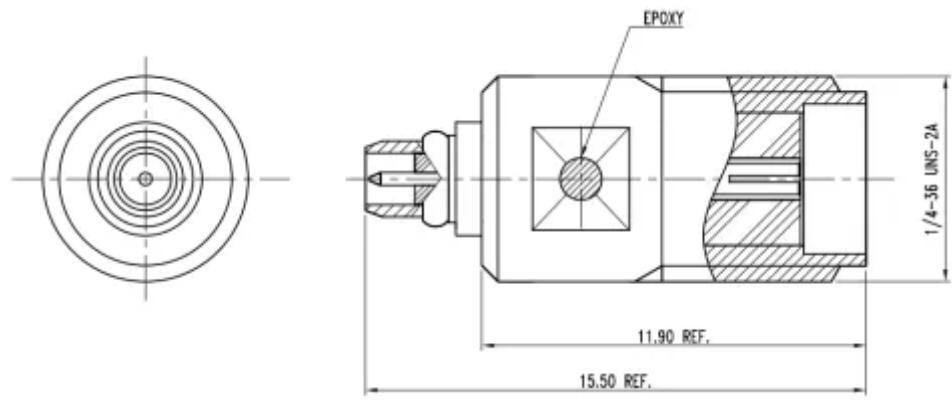
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
|-----------|--------------|----------------|
| 6000 MHz | $\leq 1.2:1$ | 0.15 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 |
| Weight: | 1.68 g | Max. Operating Temperature: | 165 °C |
| Compliance/Certifications: | ISO 9001 Quality Management | Mating Cycles: | > 500 |
| RoHS | | | |

Drawing



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