Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Huang Liang SMA Female to SMB Male Adapter

SKU
ACC-HL-00002
MPN
101-A650.199

Description

The Huang Liang SMA Female to SMB Male Adapter (Part Number: 101-A650.199) is a high-quality 50 Ω coaxial RF adapter suitable for various applications. It features a straight body with free-hanging mounts, ensuring compatibility with both SMA Male and SMB interfaces. Designed for broad usability, it operates within a frequency range of 0 to 4 GHz and maintains performance in temperatures from -65 °C to 165 °C.

Constructed from durable Stainless Steel (303) with a passivated finish, the adapter's inner contacts are made of Beryllium Copper with gold plating, ensuring reliable conductivity and longevity. This product meets ISO 9001 Quality Management standards and is RoHS compliant, guaranteeing high quality and adherence to environmental regulations.

Huang Liang, a Taiwan-based manufacturer with over 30 years of experience, specialises in precision coaxial connectors, adapters, and cable assemblies. Their expertise supports industries such...

Read More



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
SMA Female	Straight	Free Hanging
SMB Male	Straight	Free Hanging

RF Specification

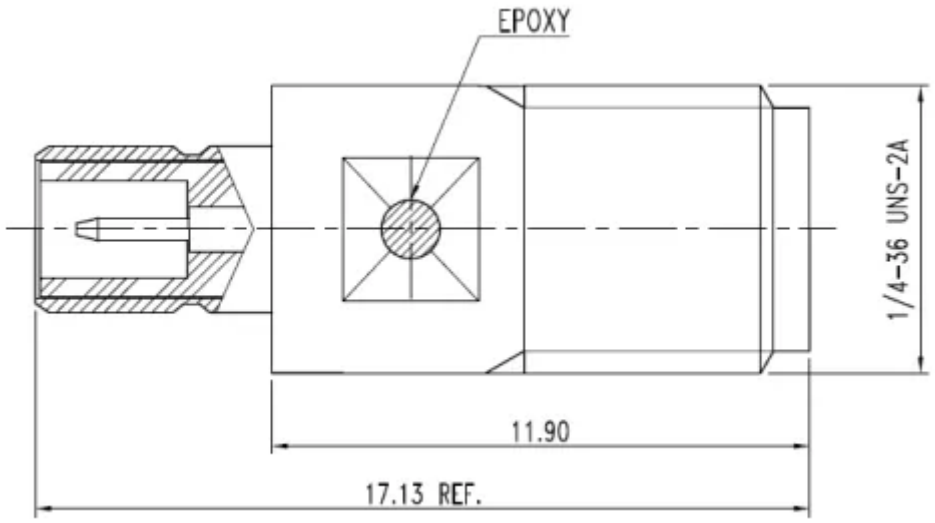
Start Frequency
0 GHz
Stop Frequency
4 GHz
RF Operating Voltage
≥ 335 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 1000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
4000 MHz	≤ 1.2:1	0.25 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
1.78 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Contact Material
Beryllium Copper
Contact Plating
Gold
Min. Operating Temperature
-65 °C
Max. Operating Temperature
165 °C
Mating Cycles
> 500
Drawing
Image



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.

