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Huang Liang SMA Male to SMP Female Adapter

SKU
ACC-HL-00070
MPN
145-A045.111

Description

The Huang Liang SMA Male to SMP Female Adapter (Part Number: 145-A045.111) is a 50 Ω coaxial RF Adapter designed for high-performance applications. This adapter features a straight SMA Male interface compatible with SMA Female connections, and a straight SMP Female interface compatible with SMP Male connections. It operates across a frequency range of 0 GHz to 40 GHz, making it suitable for a variety of RF applications.

Constructed from passivated stainless steel (303), the adapter ensures durability and resistance to corrosion. The inner contacts are made of beryllium copper with gold plating, providing excellent conductivity and signal integrity. The adapter performs reliably in extreme temperatures, from -65 °C to 165 °C.

Manufactured to ISO 9001 quality standards and compliant with RoHS, this adapter guarantees high quality and environmental responsibility. Ideal for use in military, telecommunications, and aerospace sectors, it...

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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
SMA Male	Straight	Free Hanging
SMP Female	Straight	Free Hanging

RF Specification

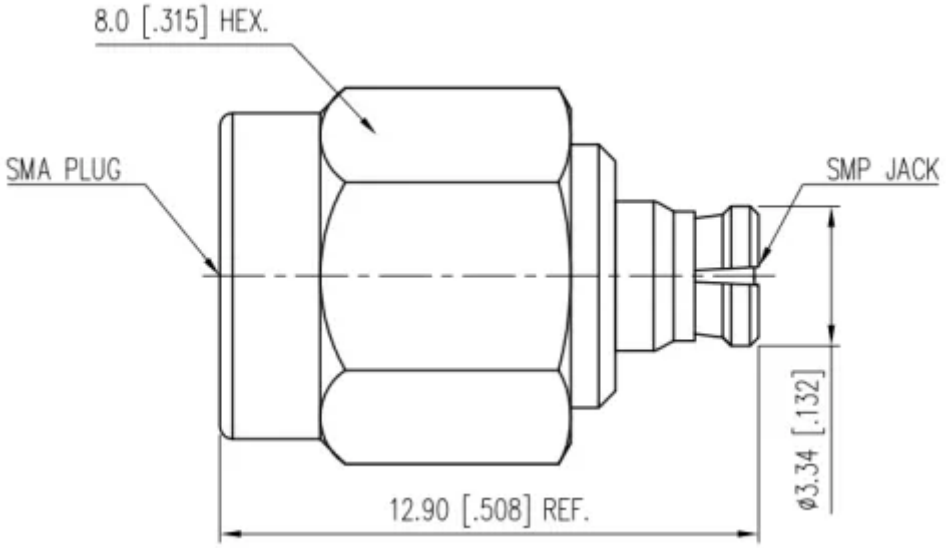
Start Frequency
0 GHz
Stop Frequency
40 GHz
RF Operating Voltage
≥ 335 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 6 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

Frequency	VSWR	Insertion Loss
40000 MHz	≤ 1.3:1	0.3 dB

Physical Specification

Body Material
Stainless Steel (303)
Body Plating
Passivated
Insulator Material
PTFE / Teflon
Weight
2.7 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



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