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# Huang Liang SMA Female to SMP Male 4-Hole Flange Mount Adapter

SKU
ACC-HL-00066
MPN
145-A03K.188

**Description**

The Huang Liang SMA Female to SMP Male 4-Hole Flange Mount Adapter (Part Number: 145-A03K.188) is a 50 Ω coaxial RF adapter designed for high-performance applications. It features an SMA Female interface with a straight body and a 4-Hole Flange Front Mount, compatible with SMA Male interfaces. The adapter also includes an SMP Male interface with a straight body and a 4-Hole Flange Rear Mount, compatible with SMP Female interfaces.

This adapter operates across a frequency range of 0 GHz to 18 GHz, ensuring broad applicability in various RF applications. Constructed from stainless steel (303) with a passivated finish, it offers durability and corrosion resistance. The inner contacts are made of beryllium copper with gold plating, enhancing conductivity and reliability. It functions effectively in extreme temperatures ranging from -65 °C to 165 °C.

Manufactured to meet ISO 9001 Quality Management standards and RoHS compliance, this adapter...

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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 Female | Straight | 4-Hole Flange |
| SMP Male | Straight | 4-Hole Flange |

# RF Specification

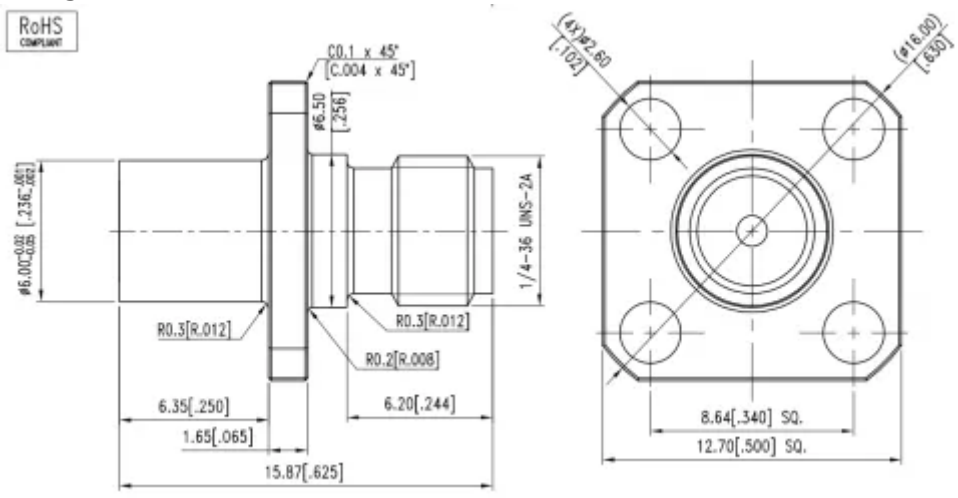
Start Frequency
0 GHz
Stop Frequency
18 GHz
RF Operating Voltage
≥ 335 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 5 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 2 mΩ
VSWR Measurement

| Frequency | VSWR | Insertion Loss |
| --- | --- | --- |
| 18000 MHz | ≤ 1.3:1 | 0.25 dB |

# Physical Specification

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