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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 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 m Ω

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

Frequency VSWR Insertion Loss

18000 MHz $\leq 1.3:1$ 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

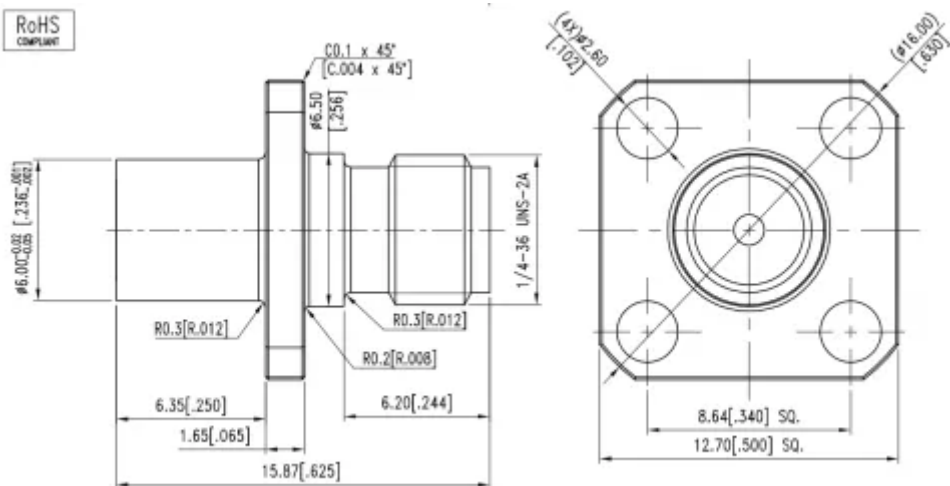
165 °C

Mating Cycles

> 500

Drawing

Image



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