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# **Huang Liang 145-R010.188 SMA Female to SMP Male Right Angle 4- Hole Flange Mount Adapter**

SKU  
ACC-HL-00001  
MPN  
145-R010.188(SF162)

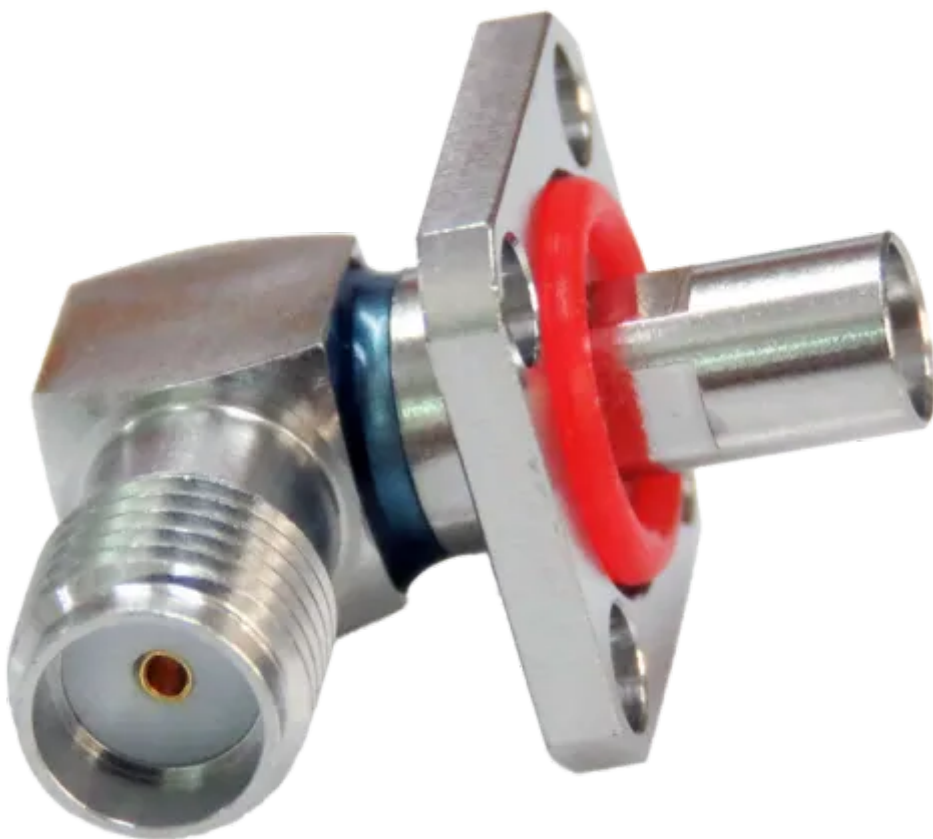
## Description

The Huang Liang SMA Female to SMP Male Right Angle 4-Hole Flange Mount Adapter (Part Number: 145-R010.188) is a 50  $\Omega$  coaxial RF adapter designed for high-frequency applications up to 10 GHz. Featuring a right-angle SMA Female interface with a 4-Hole Flange Front Mount, it is compatible with SMA Male connectors. The SMP Male interface is straight with a 4-Hole Flange Rear Mount, suitable for SMP Female connectors.

Constructed from Stainless Steel (303) with a passivated finish, the adapter ensures robust durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, providing excellent conductivity and signal integrity. It operates reliably in a wide temperature range from -40 °C to 105 °C.

This product adheres to ISO 9001 Quality Management standards and meets RoHS compliance, ensuring high-quality manufacturing and environmental safety. Huang Liang, a Taiwanese manufacturer with over 30 years of...

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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](#) [Right Angle](#) [4-Hole Flange](#)

[SMP Male](#) [Straight](#) [4-Hole Flange](#)

## **RF Specification**

Start Frequency

0 GHz

Stop Frequency

10 GHz

RF Operating Voltage

$\geq 250$  Vrms

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 6$  m $\Omega$

Insulation Resistance

$\geq 3000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

**Frequency VSWR Insertion Loss**

10000 MHz  $\leq 1.2:1$  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

-40 °C

Max. Operating Temperature

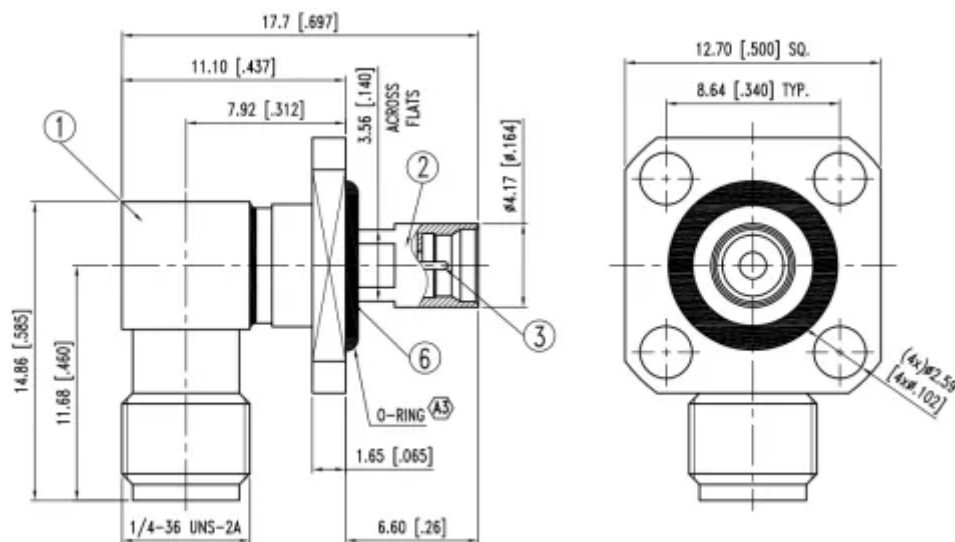
105 °C

Mating Cycles

> 500

Drawing

Image



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