

## JingCheng RP-SMA Male to SMA Female Adapter

Product Code

SMARPSMA-KK-1

Precision

Standard Grade

### RP-SMA

Reverse-polarity SMA (RP-SMA or RPSMA) is a variation of the SMA connector specification which reverses the gender of the interface. This non-standard type SMA connector finds common application in WiFi and WLAN systems and is the most popular reverse polarity RF connector. The reverse polarity characteristic is achieved with a reverse mating interface in which the RP-SMA connector male houses the female receptacle while the RP-SMA connector female/jack houses the center pin.

### SMA

The SMA "SubMiniature A" connector series is one of the most commonly used RF connector due to its durability and performance. SMA series has a 1/4 - 36 UNS threaded coupling and can operate up to 18 GHz when using semi-flex or semi-rigid cable types.



#### ▼ RF Adapter Technical Data

##### ▼ Interface #1

Series	RP-SMA	Body Shape	Straight
Gender	Male	Mounting	Free Hanging

##### ▼ Interface #2

Series	SMA	Body Shape	Straight
Gender	Female	Mounting	Free Hanging

##### ▼ RF Performance

Operating Freq. Range	0 to 6.00 GHz	Input Impedance	50 $\Omega$
VSWR	No Data	Insertion Loss	No Data

##### ▼ Physical Characteristics

Body Material(s)	Brass	Contact Material(s)	Beryllium-Copper
Body Plating	Gold	Contact Plating	Gold
Dimensions	No Data	Operating Temperature	-40 to 85 °C
Weight	No Data	Mating Cycles	>500

## YangZhou JingCheng

Established in 1999, Yangzhou Jingcheng is a manufacturer of high quality RF components including connectors, cable assemblies, and passive components. On the beautiful bank of the ancient Yangzhou river lies Yangzhou Jingcheng Electronics, situated in the economic development zone in the south of Yangzhou city.



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