

1# Semi-rigid/flexible Cable .....	01	Flex405 .....	39
2# Semi-rigid /flexible Cable .....	04	Flex402 .....	39
3# Semi-rigid/flexible Cable .....	11	MF Series .....	41
CXN3506 .....	15	SUCOFLEX Series .....	48
CXN3507 .....	18	32051 .....	51
CXN3500 .....	21	32055 .....	51
CXN3449 .....	21	SFCJ-50-3-51 .....	52
CXN3508 .....	23	UFB Series .....	53
CXN3450 .....	23	Microstrip KF ( female flange) Series .....	55
SFF-50-0.6 .....	25	Microstrip KFD ( female flange) Series .....	56
SFF-50-1、RG178 .....	25	Microstrip KYD( female bulkhead) Series .....	68
SFF-50-1.5-1、RG316 .....	26	Microstrip KHD( female PCB) Series .....	71
SFF-50-1.5-2 .....	31	Microstrip KWFD( female RA flange) Series .....	73
SFF-50-2-1 .....	32	Microstrip KWHD( female RA flange) Series .....	79
SFF-50-2-2 .....	33	Microstrip KYHD( female bulkhead PCB) Series .....	79
SFF-50-3-1 .....	33	Microstrip KYWHD( female bulkhead RA PCB) Series .....	81
SFF-50-3-2 .....	35	Microstrip JFD ( male flange) Series .....	82
RG142 .....	35	Microstrip JWFD( male RA flange) Series .....	87
LMR Series .....	35	Microstrip JYD ( male bulkhead) Series .....	87
EF Series .....	37	Microstrip JHD ( male PCB) Series .....	87
		In Series Adapter .....	88

## Introduction



The SMA RF coaxial connector is a small, high frequency coaxial connector developed in accordance with MIL-C-39012. It has the advantages of small size, wide frequency band, superior mechanical and electrical performance, high reliability, etc. It is the most widely used RF coaxial connector. Widely used in microwave communication and microwave measurement equipment and other fields. This series of high performance connectors developed by our company can reach frequencies up to 20 Ghz.

## Specification

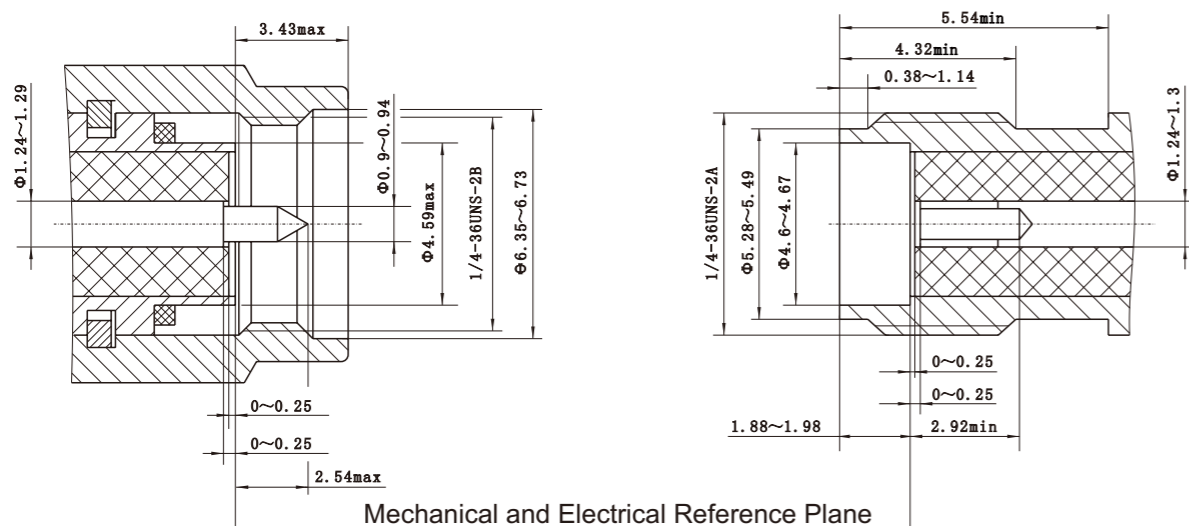
Electric Characteristics		
Impedance		50 Ω
Frequency Range		DC~18GHz
Rated Voltage		335VRMS*
DWV		1000VRMS*
VSWR	Straight	≤ 1.3
	RA	≤ 1.35
Contact Resistance	Center Contact	≤ 3mΩ
	Outer Contact	≤ 2mΩ
Insulation Resistance		≥ 5000MΩ

\* maximum sea-level

Mechanical Characteristics			
Center Contact	male	Brass	gold plated
	female	Beryllium bronze	gold plated
Elastic Contact		Beryllium bronze	nickle plated
Shell and other Metal Parts		Brass	gold plated
		Stainless steel	passivation
Cable sheath		Brass	nickle plated
Insulators		PTFE	
O-Ring		Silicone Rubber	
Durability		500(Cycles)	
Mating torque		0.79N·m~1.13N·m	

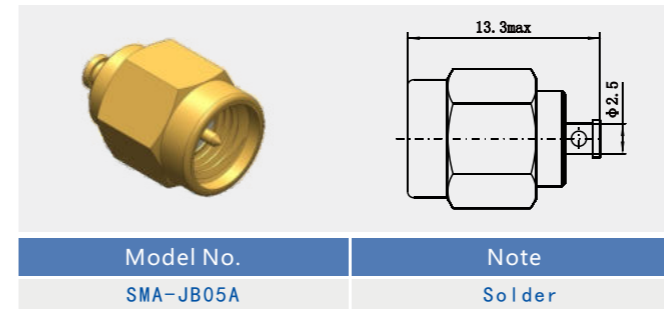
Customized size is available

## Interface Dimension

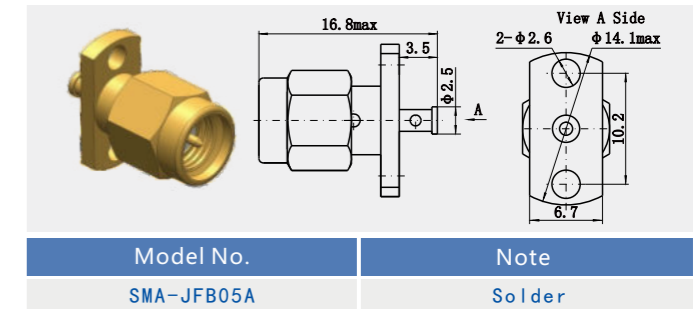


## 1# Semi-rigid or 1# Semi-flexible Cable

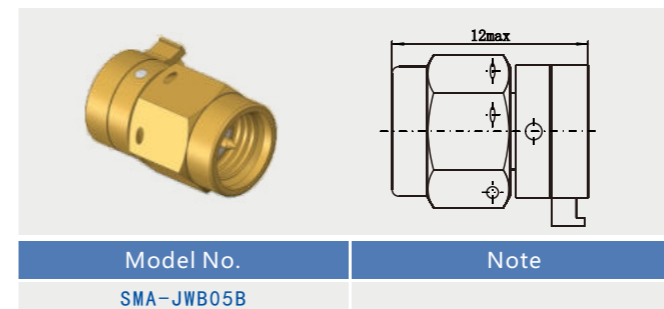
### SMA-JB05A



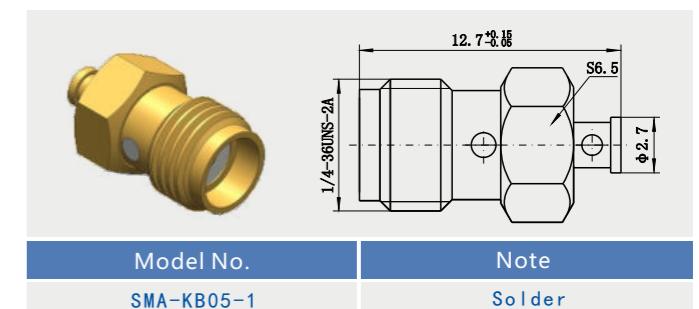
### SMA-JFB05A



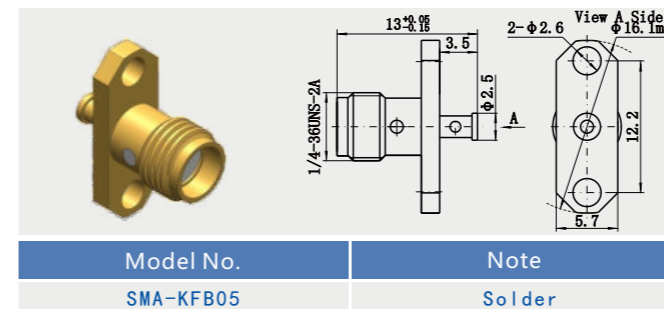
### SMA-JWB05B



### SMA-KB05-1



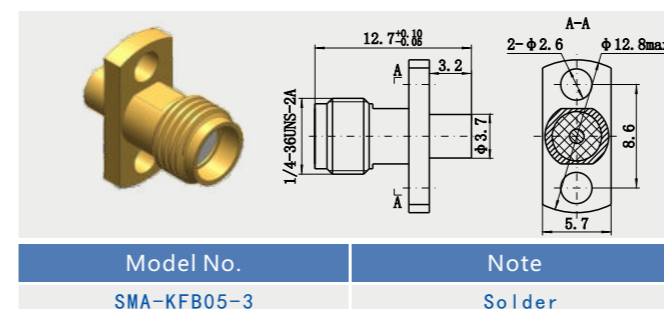
### SMA-KFB05



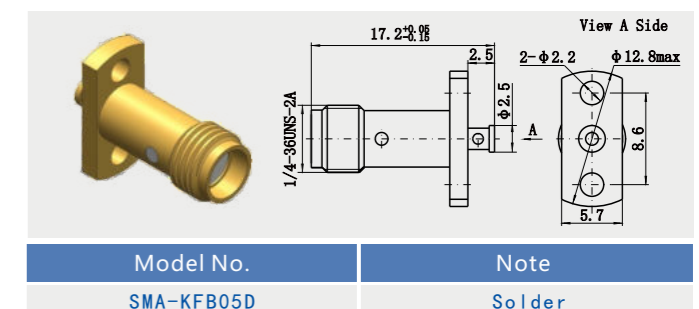
### SMA-KFB05A Series

Model No.	L	L1	L2	D	D1	Note
SMA-KFB05A	13 <sup>+0.05</sup>	3.5	5.7	12.8max	2.5	Solder
SMA-KFB05L	12 <sup>+0.05</sup>	2.5	5.5	12.6max	2.5	Solder
SMA-KFB05-2	11 <sup>+0.05</sup>	1.5	5.7	12.8max	2.2	Solder

### SMA-KFB05-3

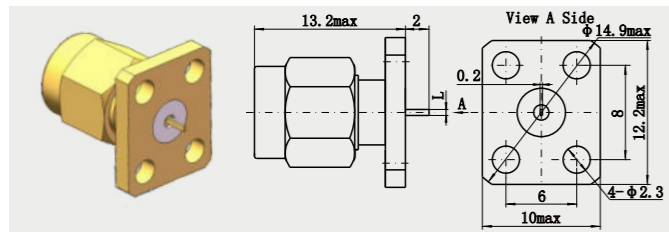


### SMA-KFB05D



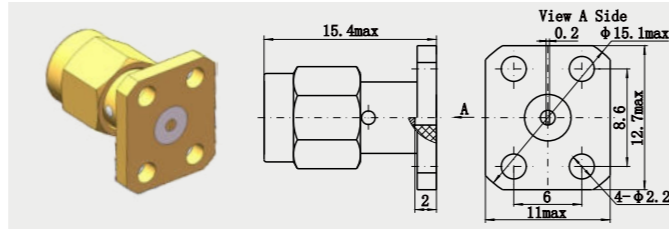
## Microstrip JFD ( male flange) Connector

### SMA-JFD155 Series



Model No.	L	Note
SMA-JFD155	0.8	Terminal flat side is parallel to the long side of the flange
SMA-JFD196	0.5	

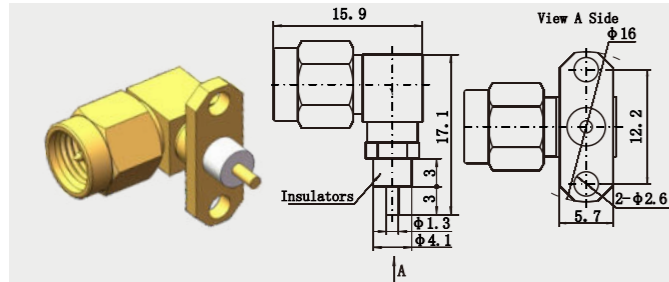
### SMA-JFD186



Model No.	Note
SMA-JFD186	Stainless steel housing

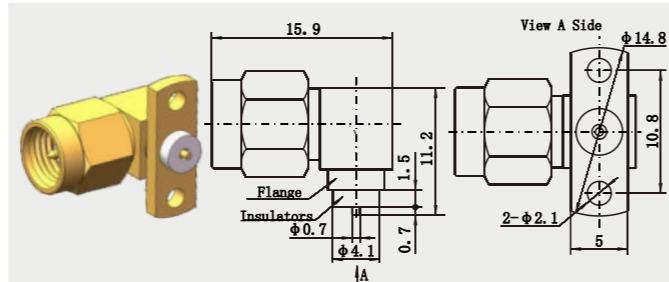
## Microstrip JWFD ( male RA flange) Connector

### SMA-JWFD1



Model No.	Note
SMA-JWFD1	

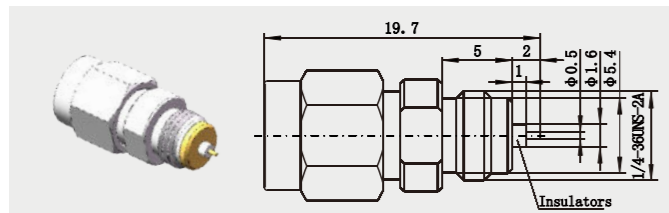
### SMA-JWFD2



Model No.	Note
SMA-JWFD2	

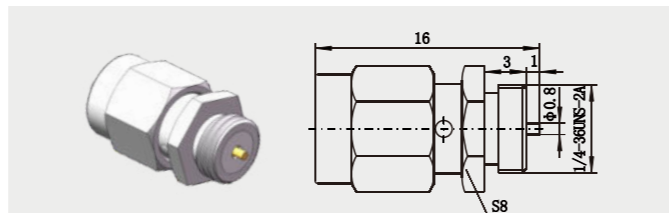
## Microstrip JYD ( male bulkhead) Connector

### SMA-JYDG



Model No.	Note
SMA-JYDG	Stainless steel housing

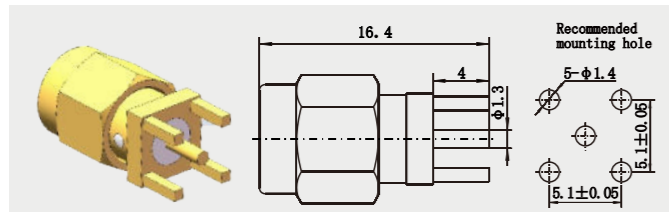
### SMA-JYD1G



Model No.	Note
SMA-JYD1G	Stainless steel housing

## Microstrip JHD ( male PCB) Connector

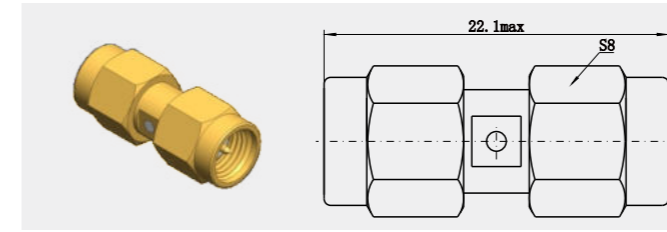
### SMA-JHD



Model No.	Note
SMA-JHD	Stainless steel housing

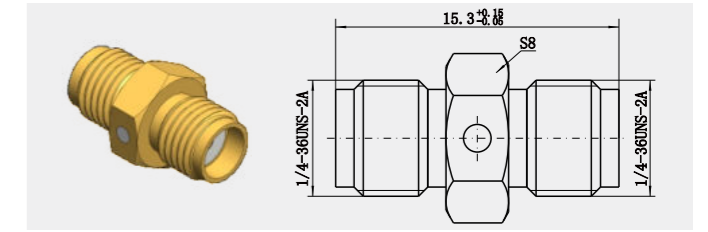
## In Series Adapter

### SMA-JJ Series ( male to male)



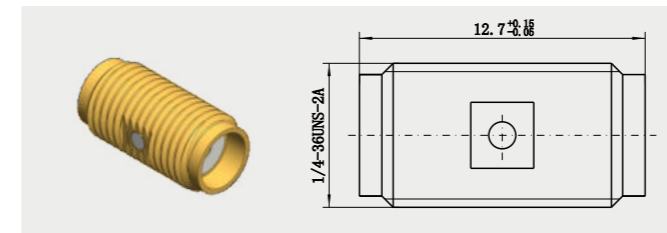
Model No.	Note
SMA-JJ	Brass
SMA-JJG	Stainless steel

### SMA-KK Series ( female to female)



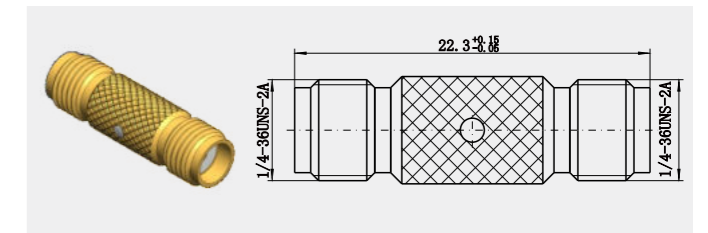
Model No.	Note
SMA-KK	Brass
SMA-KKG	Stainless steel

### SMA-KK1 ( female to female)



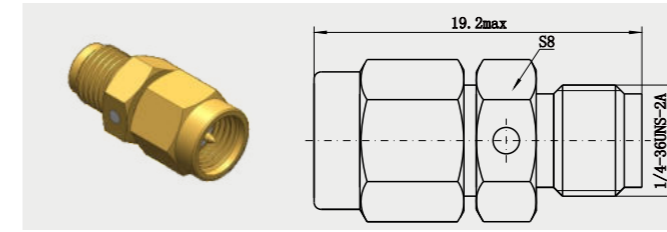
Model No.	Note
SMA-KK1	

### SMA-KK2 ( female to female)



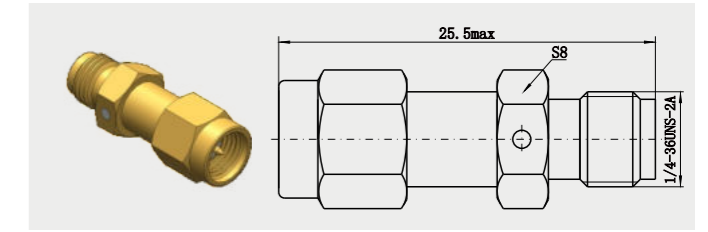
Model No.	Note
SMA-KK2	

### SMA-JK Series ( male to female)



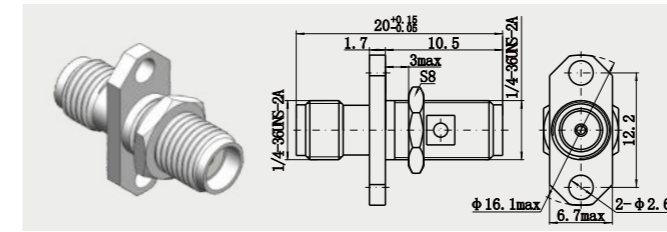
Model No.	Note
SMA-JK	Brass
SMA-JKG	Stainless steel

### SMA-JK2 Series ( male to female)



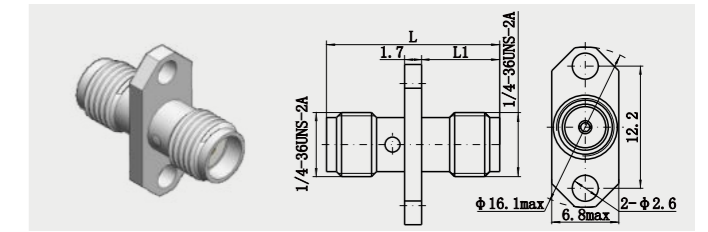
Model No.	Note
SMA-JK2	Brass
SMA-JK2G	Stainless steel

### SMA-KFKG-12 ( female to female)



Model No.	Note
SMA-KFKG-12	Stainless steel housing

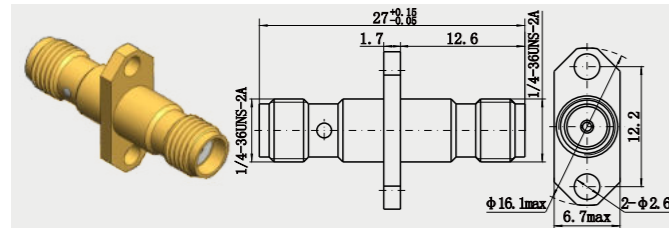
### SMA-KFKG-16 Series ( female to female)



Model No.	L	L1	Note
SMA-KFKG-16	17.3 <sup>+0.05</sup>	7.8	Stainless steel
SMA-KFKG-25	21 <sup>+0.05</sup>	6.6	Stainless steel

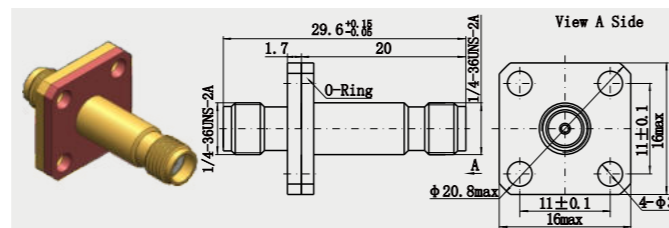
## In Series Adapter

### SMA-KFK-20( female to female)



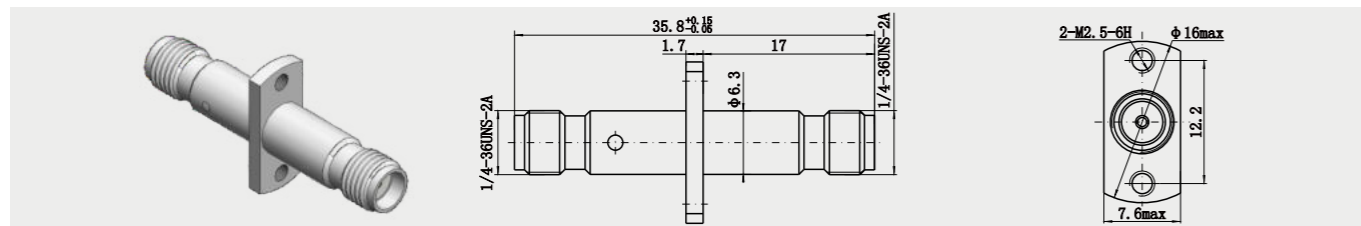
Model No.	Note
SMA-KFK-20	

### SMA-KFK-6( female to female)



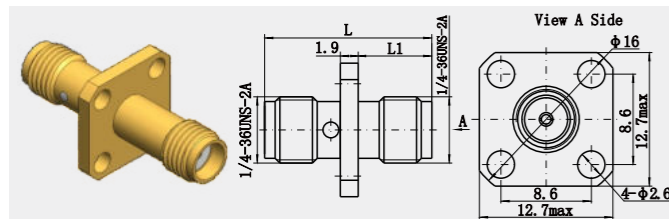
Model No.	Note
SMA-KFK-6	

### SMA-KFKG-43( female to female)



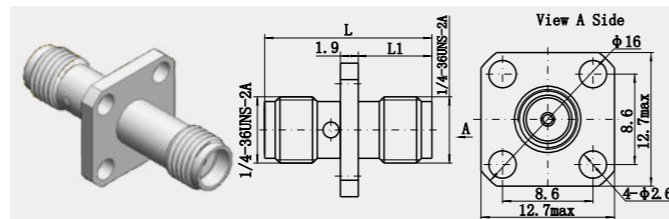
Model No.	Note
SMC-KFKG-43	Stainless steel housing

### SMA-KFK Series( female to female)



Model No.	L	L1	Note
SMA-KFK	27 <sup>+0.15</sup>	12.6	
SMA-KFK-1	19.5 <sup>+0.15</sup>	8.9	
SMA-KFK-2	16 <sup>+0.15</sup>	7	
SMA-KFK-3	21 <sup>+0.15</sup>	6.6	
SMA-KFK-4	24 <sup>+0.15</sup>	9.6	
SMA-KFK-5	22.3 <sup>+0.15</sup>	6.6	
SMA-KFK-21	17.7 <sup>+0.15</sup>	7.9	

### SMA-KFKG Series( female to female)

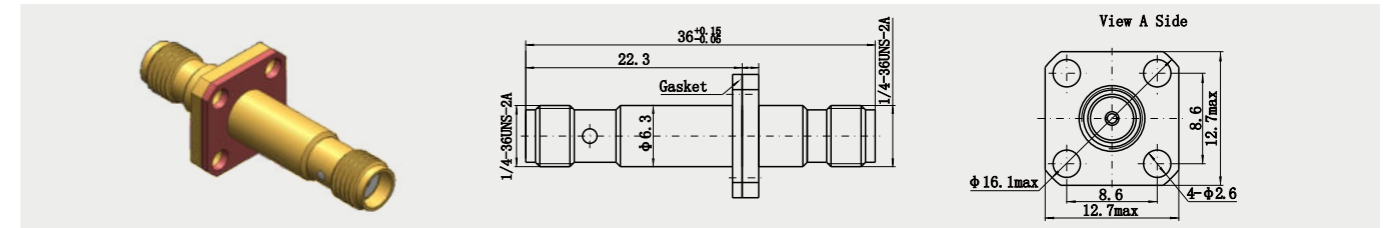


Model No.	L	L1	Note
SMA-KFKG	26.9 <sup>+0.15</sup>	12.6	
SMA-KFKG-Y1	26.9 <sup>+0.15</sup>	12.6	192hSalt Fog Resistance
SMA-KFKG-1	19.5 <sup>+0.15</sup>	8.9	
SMA-KFKG-3	21 <sup>+0.15</sup>	6.6	
SMA-KFKG-3-Y1	21 <sup>+0.15</sup>	6.6	192hSalt Fog Resistance
SMA-KFKG-8	22.1 <sup>+0.15</sup>	7.8	
SMA-KFKG-8-Y1	22.1 <sup>+0.15</sup>	12.5	192hSalt Fog Resistance
SMA-KFKG-11	20.4 <sup>+0.2</sup>	10.9	

G= stainless steel

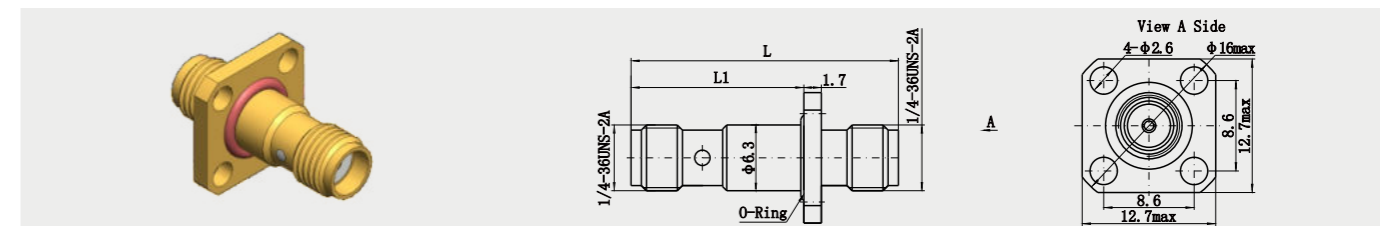
## In Series Adapter

### SMA-KFK-7(fe male to female)



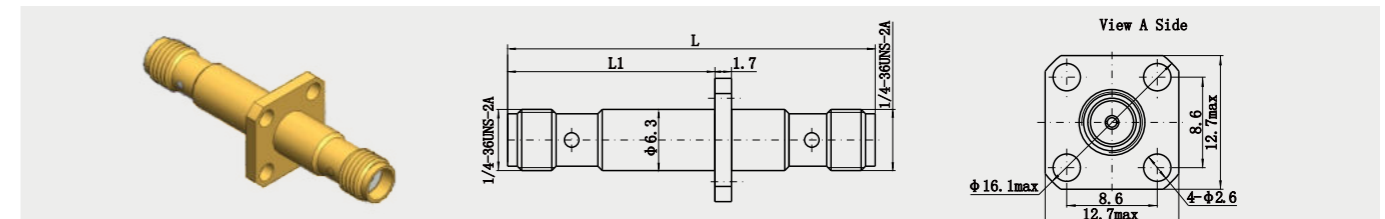
Model No.	Note
SMC-KFK-7	

### SMA(S)-KFKG-9 Series( female to female)



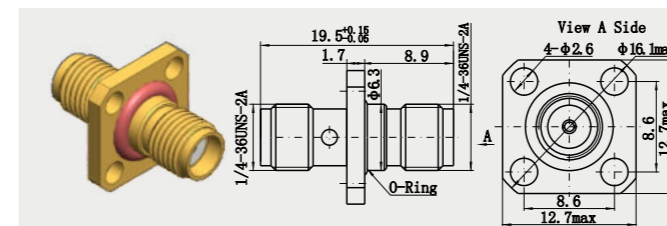
Model No.	L	L1	Note
SMA(S)-KFKG-9	21 <sup>+0.15</sup>	12.6	96H Salt Fog Resistance
SMA(S)-KFKG-Y1	26.9 <sup>+0.15</sup>	12.5	192H Salt Fog Resistance
SMA(S)-KFK30G	25.2 <sup>+0.2</sup>	15.5	96H Salt Fog Resistance

### SMA-KFK-17 Series( female to female)



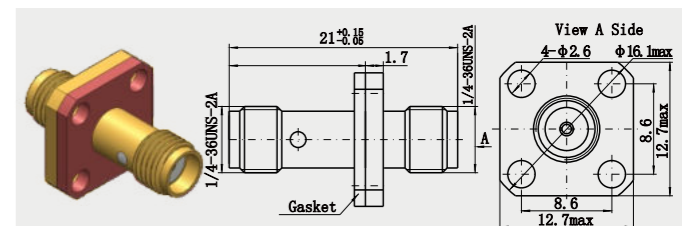
Model No.	L	L1	Note
SMA-KFK-17	41 <sup>+0.15</sup>	22.6	
SMA-KFK-23	44 <sup>+0.15</sup>	12.7	

### SMA(S)-KFK-1( female to female)



Model No.	Note
SMA(S)-KFK-1	Water proof

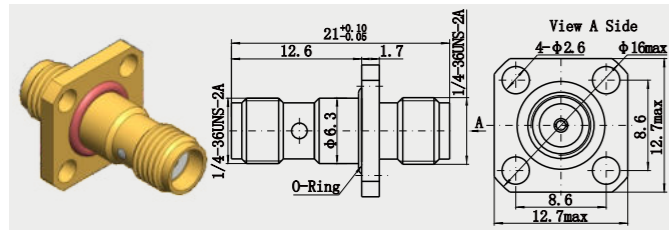
### SMA(S)-KFK-3( female to female)



Model No.	Note
SMA(S)-KFK-3	Water proof

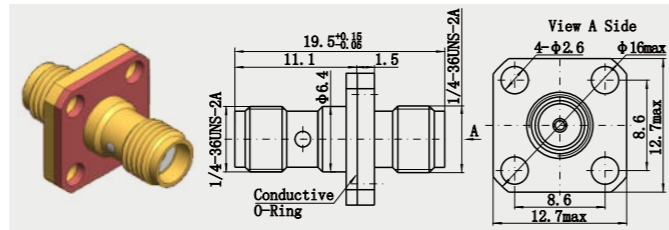
## In Series Adapter

### SMA(S)-KFK-9( female to female)



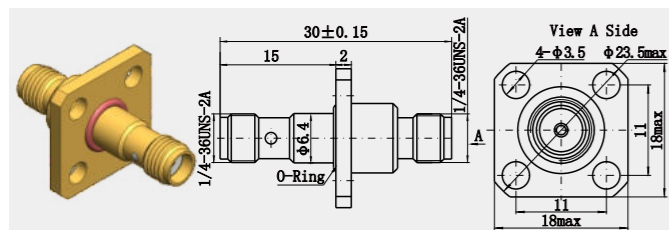
Model No.	Note
SMA(S)-KFK-9	Water proof

### SMA(S)-KFK-26( female to female)



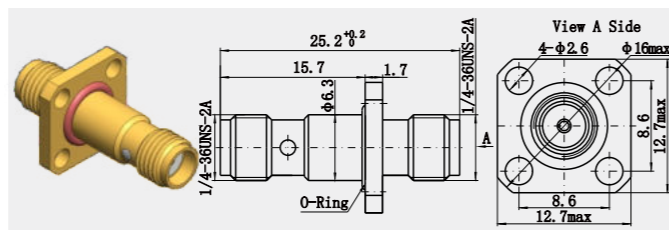
Model No.	Note
SMA(S)-KFK-9	

### SMA(S)-KFK-38( female to female)



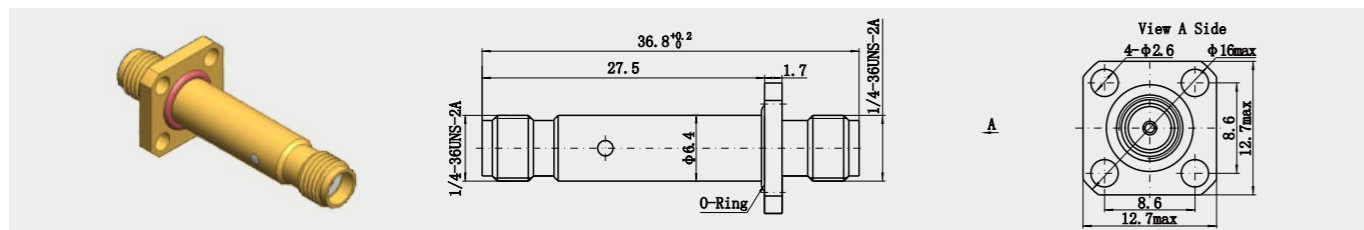
Model No.	Note
SMA(S)-KFK-38	

### SMA(S)-KFK31( female to female)



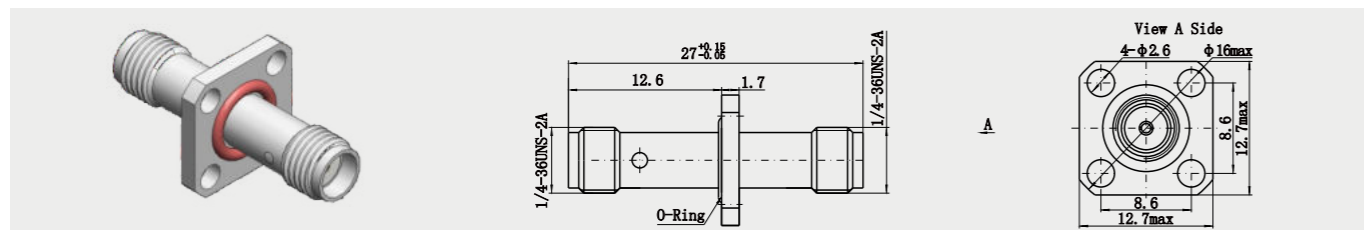
Model No.	Note
SMA(S)-KFK31	

### SMA(S)-KFK-42( female to female)



Model No.	Note
SMA(S)-KFK-42	

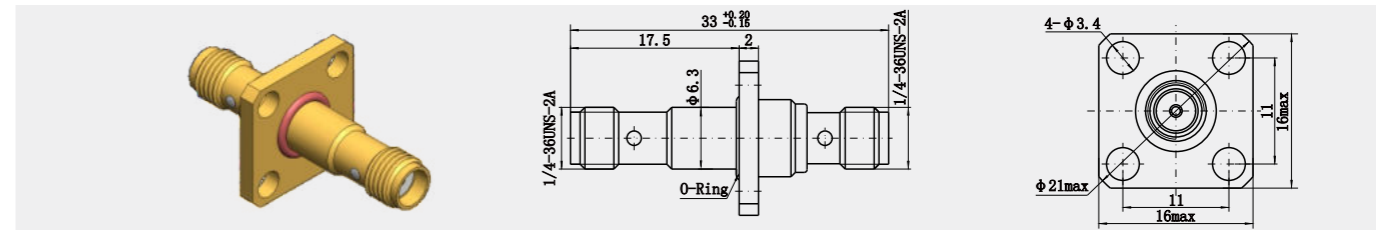
### SMA(S)-KFKG-T( female to female)



Model No.	Note
SMA(S)-KFKG-T	Stainless steel

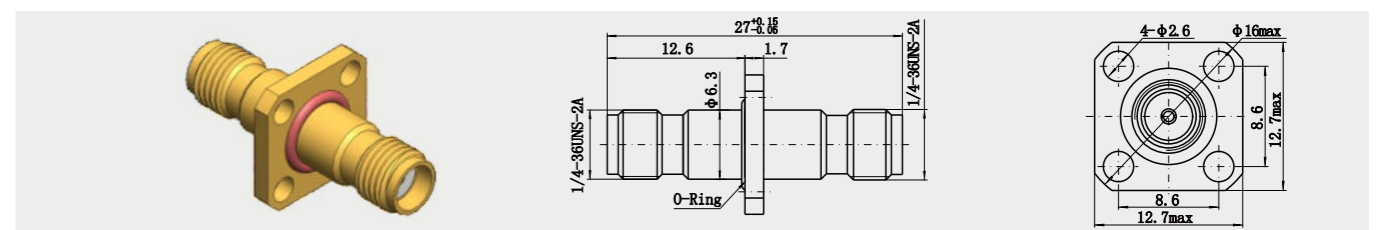
## In Series Adapter

### SMA(M)-KFK-27( female to female)



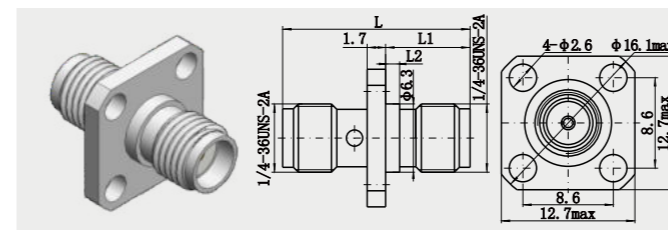
Model No.	Note
SMA(M)-KFK-27	Hermetic

### SMA(M)-KFK-40( female to female)



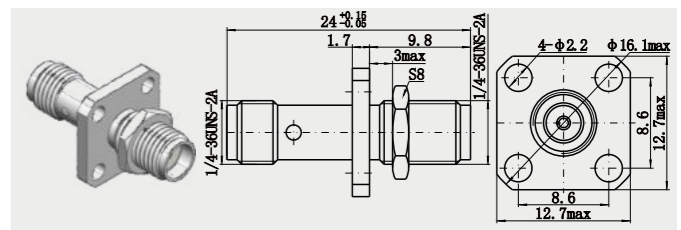
Model No.	Note
SMA(M)-KFK-40	Hermetic

### SMA-KFKG-19 Series( female to female)



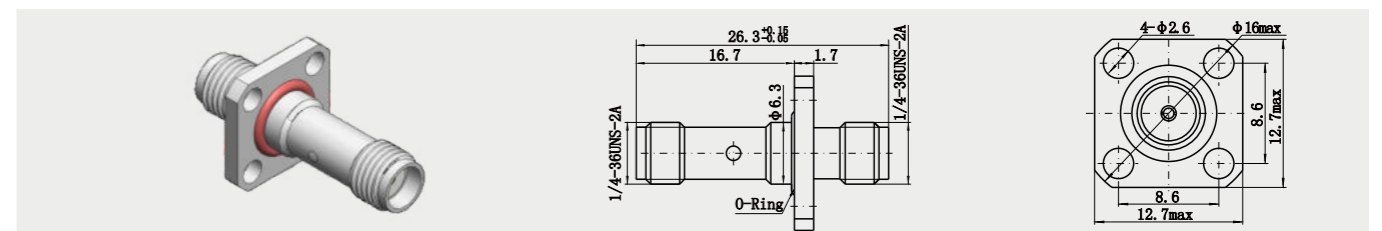
Model No.	L	L1	L2	Note
SMA-KFKG-19	17.3 <sup>+0.2</sup>	7.8	1.3	
SMA-KFKG-34	19.3 <sup>+0.15</sup>	9.7	3.2	

### SMA-KFKG-10( female to female)



Model No.	Note
SMA-KFKG-10	Stainless steel

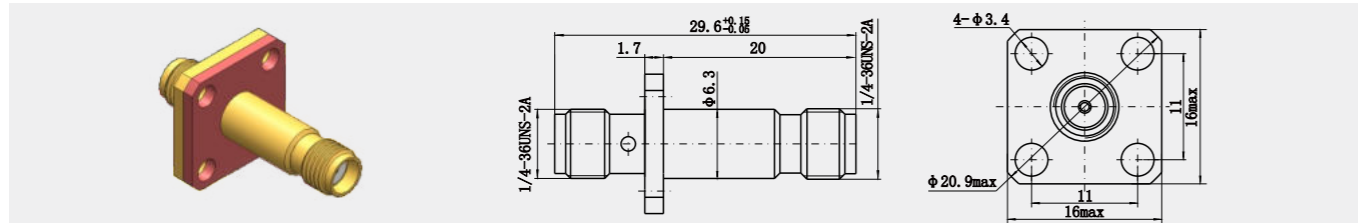
### SMA-KFK7AG( female to female)



Model No.	Note
SMA-KFK7AG	Stainless steel

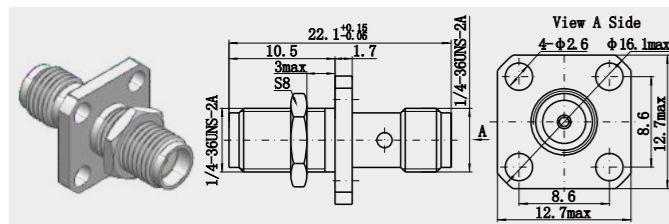
## In Series Adapter

### SMA-KFK-37( female to female)



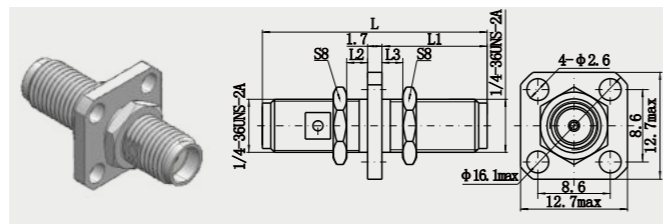
Model No.	Note
SMA-KFK-37	

### SMA-KFKG-14( female to female)



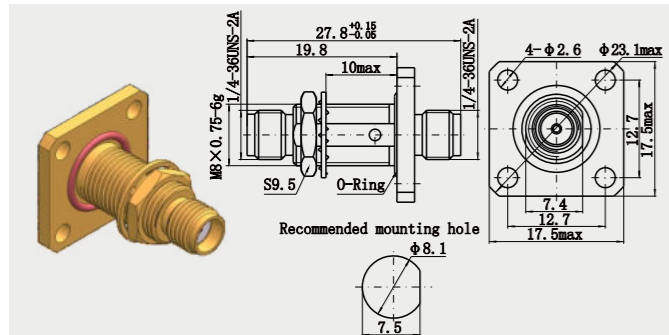
Model No.	Note
SMA-KFKG-14	Stainless steel

### SMA-KFKG-18 Series( female to female)



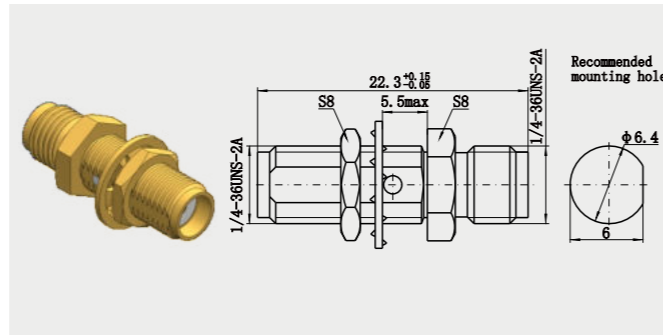
Model No.	L	L1	L2	L3	Note
SMA-KFKG-18	24.7	12.4	3max	5max	
SMA-KFKG-20	26.7	10.5	7max	3max	

### SMA-KYFK( female to female)



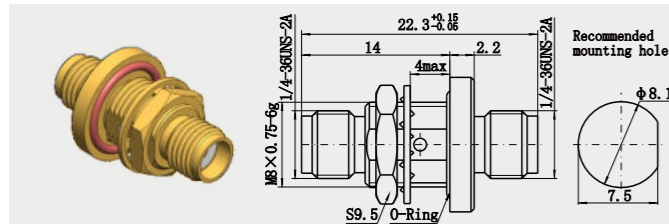
Model No.	Note
SMA-KYFK	

### SMA-KYK Series( female to female)



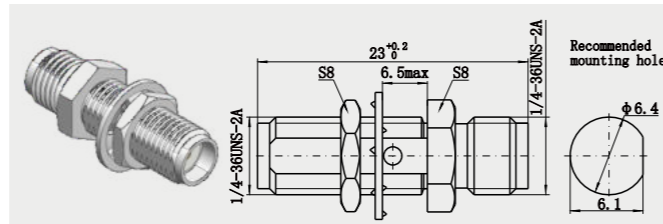
Model No.	Note
SMA-KYK	Brass
SMA-KYKG	Stainless steel

### SMA-KYK1 Series( female to female)



Model No.	Note
SMA-KYK1	Brass
SMA-KYK1G	Stainless steel housing

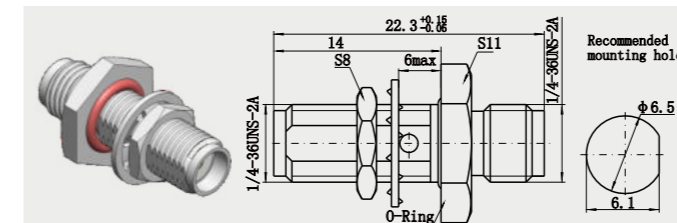
### SMA-KYKG1( female to female)



Model No.	Note
SMA-KYKG1	

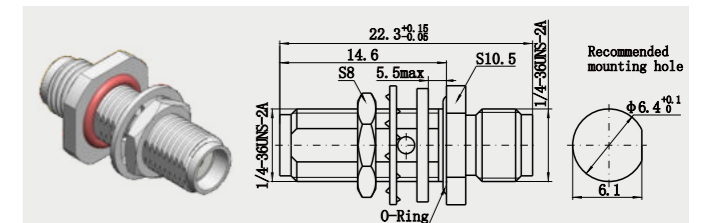
## In Series Adapter

### SMA(S)-KYKG-Y1( female to female)



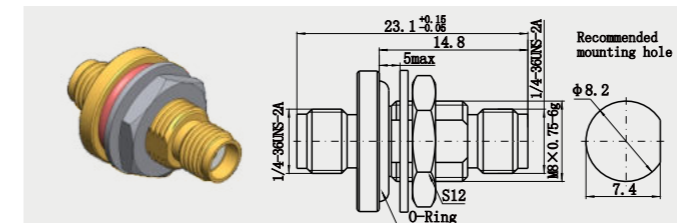
Model No.	Note
SMA(S)-KYKG-Y1	Water proof

### SMA(S)-KYK3AG( female to female)



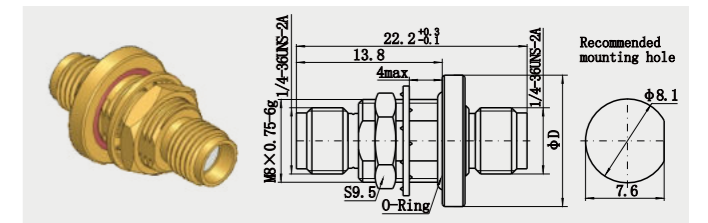
Model No.	Note
SMA(S)-KYK3AG	Water proof

### SMA(M)-KYK1 Series( female to female)



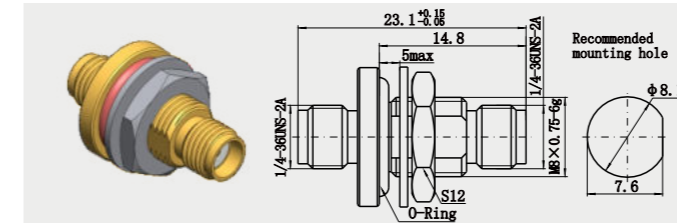
Model No.	Note
SMA(M)-KYK1	Hermetic
SMA(M)-KYK1-Y1	Hermetic, 192H Salt Fog Resistance

### SMA(M)-KYK3 Series( female to female)



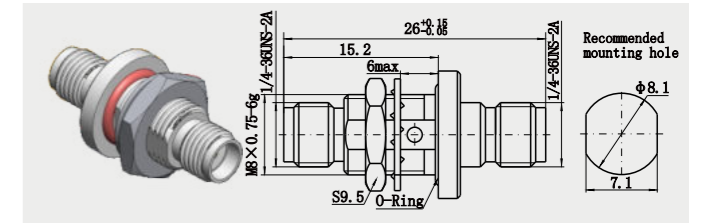
Model No.	D	Note
SMA(M)-KYK3	12.7	Hermetic
SMA(M)-KYK11	11	Hermetic

### SMA(M)-KYK6( female to female)



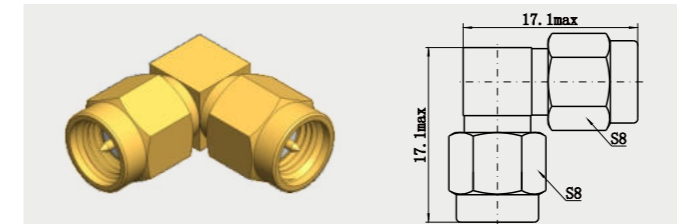
Model No.	Note
SMA(M)-KYK6	Hermetic

### SMA-50KKYG( female to female)



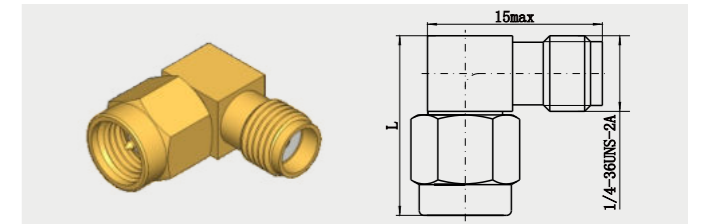
Model No.	Note
SMA-50KKYG	

### SMA-JWJ( male to male)



Model No.	Note
SMA-JWJ	

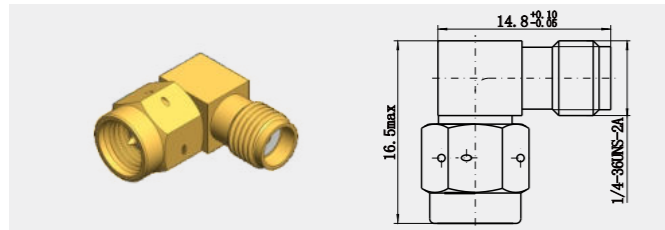
### SMA-JWK Series( male to female)



Model No.	L	Note
SMA-JWK	15.6max	
SMA-JWK1	16.5max	
SMA-JWKG	15.6max	Stainless steel housing
SMA-JWK1-Y1	16.5max	Salt fog resistance96h

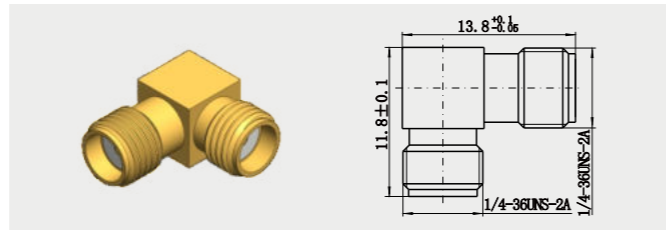
## In Series Adapter

### SMA-JWK1C (male to female)



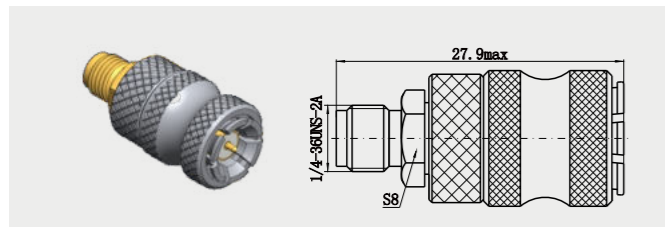
Model No.	Note
SMA-JWK1C	

### SMA-KWK (female to female)



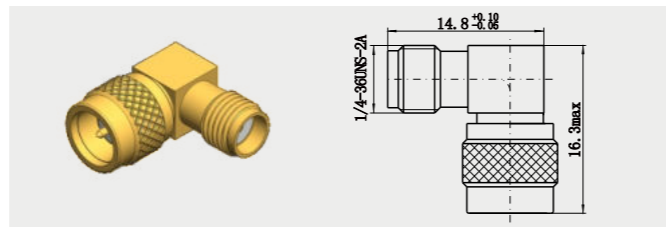
Model No.	Note
SMA-KFKG-14	

### SOSMA-JK (male to female)



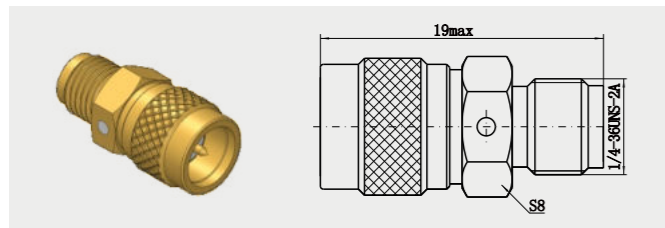
Model No.	Note
SOSMA-JK	

### SOSMA-JWK1 (male to female)



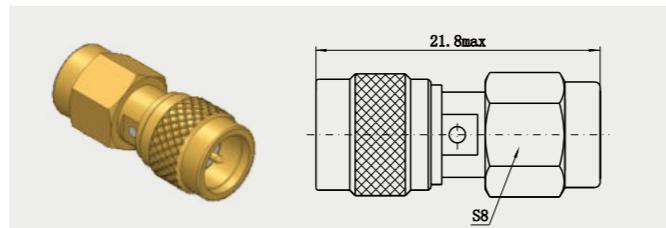
Model No.	Note
SOSMA-JWK1	

### SOSMA/SMA-JK Series (male to female)



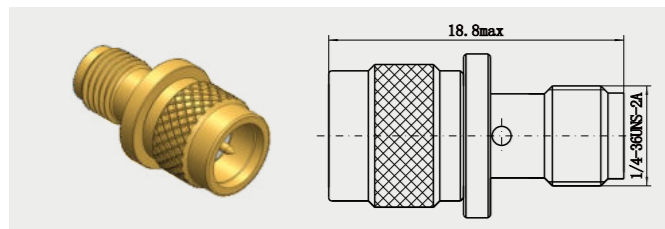
Model No.	Note
SOSMA/SMA-JK	
SOSMA/SMA-JKG	Stainless steel housing

### SOSMA/SMA-JJ (male to male)



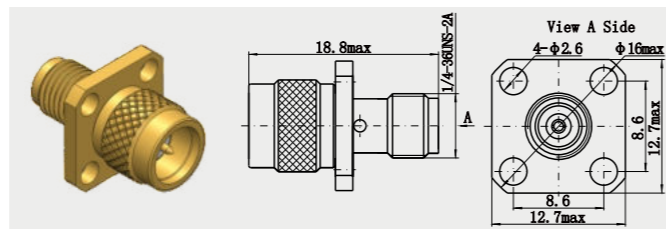
Model No.	Note
SOSMA/SMA-JJ	

### SOSMA/SMA-JK1 (male to female)



Model No.	Note
SOSMA/SMA-JK1	

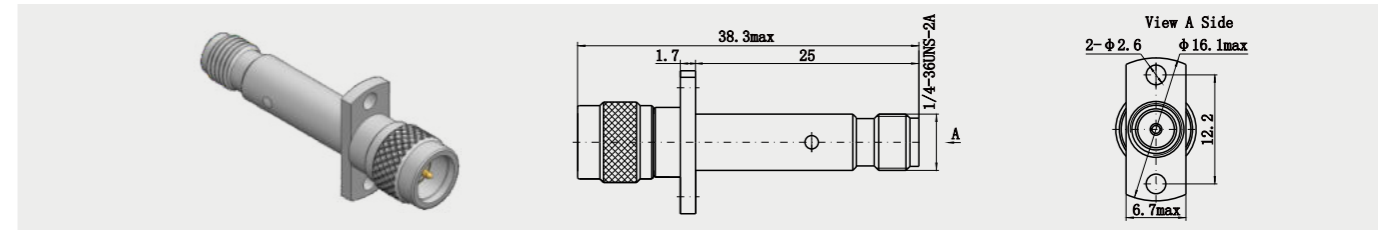
### SOSMA/SMA-JFK1 (male to female)



Model No.	Note
SOSMA/SMA-JJ	

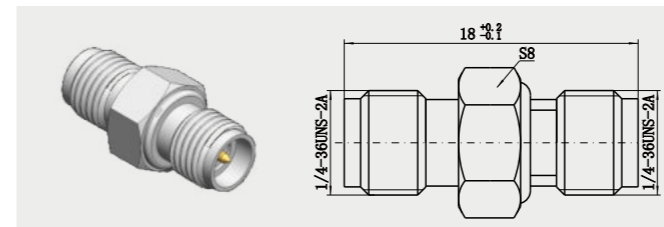
## In Series Adapter

### SOSMA/SMA-JFK2G (male to female)



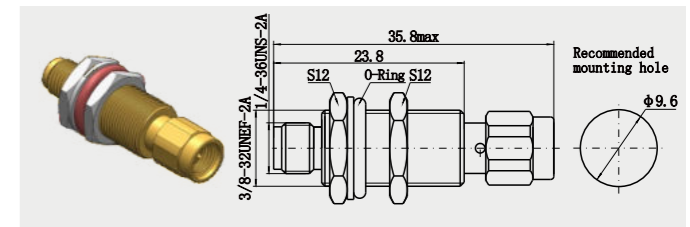
Model No.	Note
SOSMA/SMA-JFK2G	

### RPSMA-JJG (male to male)



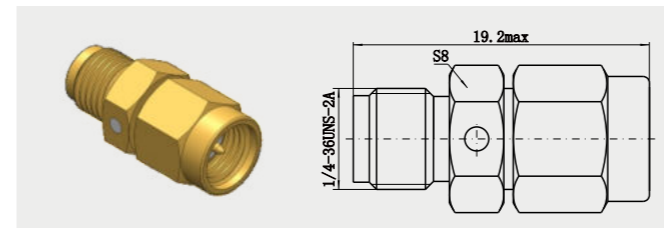
Model No.	Note
RPSMA-JJG	F: DC~6GHz

### RPSMA-JYK (male to female)



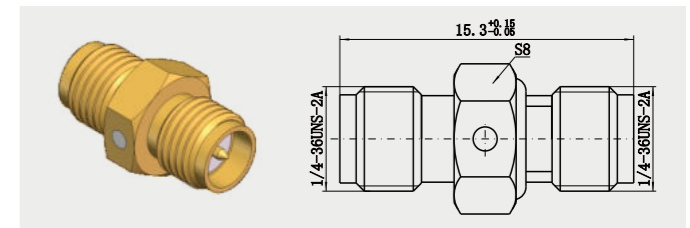
Model No.	Note
RPSMA-JYK	

### RPSMA/SMA-JJ (male to male)



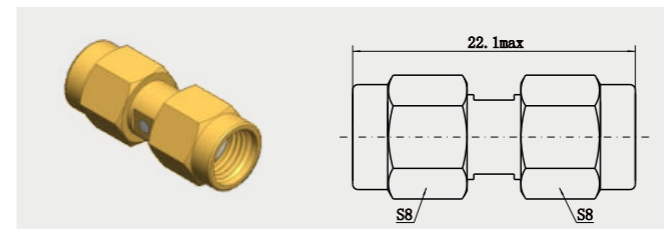
Model No.	Note
RPSMA/SMA-JJ	

### RPSMA/SMA-JK (male to female)



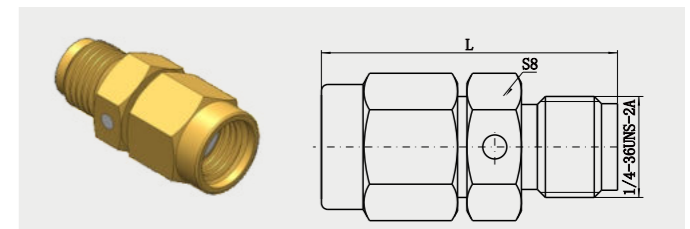
Model No.	Note
RPSMA/SMA-JK	

### RPSMA/SMA-KJ (female to male)



Model No.	Note
RPSMA/SMA-KJ	

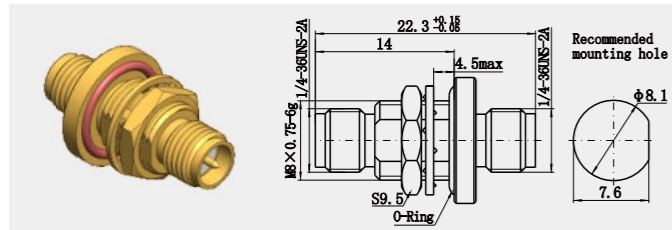
### RPSMA/SMA-KK Series (female to female)



Model No.	L	Note
RPSMA/SMA-KK	18.9max	
RPSMA/SMA-KK1	25.6max	

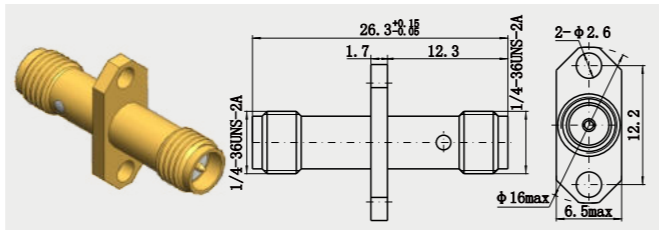
## » In Series Adapter

### ■ RPSMA/SMA-JYK (male to female)



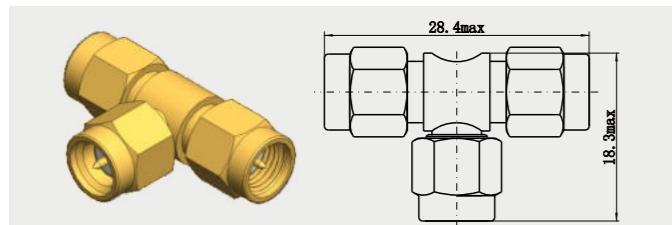
Model No.	Note
RPSMA/SMA-JYK	

### ■ RPSMA/SMA-JFKG (male to female)



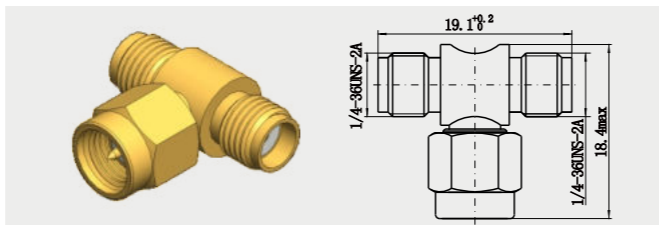
Model No.	Note
RPSMA/SMA-JFKG	

### ■ SMA-JJJ (male to male)



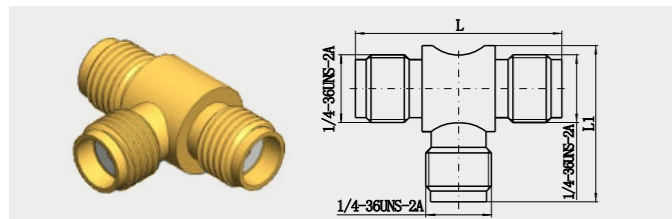
Model No.	Note
SMA-JJJ	

### ■ SMA-KJK (female to female)



Model No.	Note
SMA-KJK	

### ■ SMA-KKK Series (female to female)



Model No.	L	L1	Note
SMA-KKK	19.1 <sup>+0.2</sup> <sub>0</sub>	14.4max	
SMA-KKK1	25.1 <sup>+0.2</sup> <sub>0</sub>	18.1max	