



No.	Model	D(Diameter)	L(Length)
1	SMA-KFD50412-078	0.30 [0.012]	2 [0.079]
2	SMA-KFD50420-236	0.50 [0.020]	6 [0.236]
3	SMA-KFD50424-1024	0.60 [0.024]	26 [1.024]
4	SMA-KFD50425-98	0.64 [0.025]	2.5 [0.098]
5	SMA-KFD50425-236	0.64 [0.025]	6 [0.236]
6	SMA-KFD50425-787	0.64 [0.025]	20.8 [0.819]
7	SMA-KFD50425-709	0.64 [0.025]	18 [0.709]
8	SMA-KFD50431-839	0.80 [0.031]	21.3 [0.839]
9	SMA-KFD50431-980	0.80 [0.031]	24.9 [0.980]
10	SMA-KFD50431-2362	0.80 [0.031]	60 [2.362]
11	SMA-KFD50434-430	0.87 [0.034]	10.92 [0.430]
12	SMA-KFD50434-818	0.87 [0.034]	20.8 [0.819]
13	SMA-KFD50434-1024	0.87 [0.034]	26 [1.024]
14	SMA-KFD50434-1388	0.87 [0.034]	35 [1.378]

### Electrical & Environmental Characteristics

Impedance	50 $\Omega$
Insulation Resistance	5000 M $\Omega$
Operating Frequency	DC~26.5GHz
Dielectric Withstanding Voltage	1000V
VSWR	$\leq 1.15$
Insertion Loss	$\leq 0.05 * \text{Sqrt}(f\_GHz)$
Operating Temperature	- 55~+165 $^{\circ}C$

### Material & Coat-Plating

Inner Conductor	Beryllium Copper, Gold
Dielectric	PTFE
Body	Stainless Steel, Passivated
Coupling Nut	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT		DWN	Suzhou Talent Microwave, Inc		
		CHK			
Unit mm	TOLERANCES UNLESS OTHERWISE SPECIFIED 0 PLC $\pm 0.25$ 1 PLC $\pm 0.15$ 2 PLC $\pm 0.12$ 3 PLC $\pm$ 3 PLC $\pm$ ANGLES $\pm 1^{\circ}$	APVD	Product Model  <b>SMA-KFD50434-1024</b> SMA Female Flange Connector		
MATERIAL SEE TABLE	FINISH SEE TABLE	PRODUCT SPEC			
		APPLICATION SPEC			
		SIZE A4	GAGE CODE 0T8L4	DRAWING NO	
		CUSTOMER DRAWING		SHEET 1 OF 1	RVE 1