



No.	Model	D(Diameter)	L(Length)
1	1.85-KFD50509	0.23 [0.009]	7 [0.276]
2	1.85-KFD5051201	0.30 [0.012]	1.2 [0.047]
3	1.85-KFD5051202	0.30 [0.012]	2 [0.079]
4	1.85-KFD5052301	0.58 [0.023]	3.7 [0.145]
5	1.85-KFD5052302	0.58 [0.023]	5.85 [0.230]
6	1.85-KFD5052303	0.58 [0.023]	19.1 [0.752]
7	1.85-KFD50525	0.64 [0.025]	6 [0.236]
8	1.85-KFD50531	0.80 [0.031]	7 [0.276]

### Electrical & Environmental Characteristics

Impedance	50 Ω
Insulation Resistance	5000 MΩ
Operating Frequency	DC~67GHz
Dielectric Withstanding Voltage	1000V
VSWR	≤1.15
Insertion Loss	≤0.05* $\sqrt{f\_GHz}$
Operating Temperature	- 55~+165 °C

### Material & Coat-Plating

Inner Conductor	Beryllium Copper, Gold
Dielectric	PEI 1000
Body	Stainless Steel, Passivated
Coupling Nut	N/A

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		CHK				
Unit mm	TOLERANCES UNLESS OTHERWISE SPECIFIED 0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.12 3 PLC ± 3 PLC ± ANGLES ±1°	APVD	Product Model  <b>1.85-KFD50509</b> <b>1.85mm Female Flange Connector</b>			
		PRODUCT SPEC				
		APPLICATION SPEC				
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	SIZE A4	GAGE CODE OT8L4	DRAWING NO	
		CUSTOMER DRAWING			SHEET 1 OF 1	RVE 1