

DC Blocks

MODELS: 8535E, 8535EF & 8535EM

7 KHz - 50 GHz
2.4 mm
Inner Only

Specifications

Electrical

Frequency Range	7 KHz - 50 GHz
VSWR	
*250 KHz - 18 GHz	1.30:1 Max.
18 GHz - 32 GHz	1.55:1 Max.
32 GHz - 50 GHz	1.65:1 Max.
Impedance	50 Ohms
Voltage Rating	30 Volts Max.
Operating Temp Range	-35°C to +85°C
Typical Rise Time (90%)	-9 PicoSeconds Max.
< -3 dB Bandwidth Typ.	<7 KHz - >50 GHz
Insertion Loss	
100 KHz - 12.4 GHz	0.50 dB Max.
12.4 GHz - 32 GHz	0.75 dB Max.
32 GHz - 50 GHz	1.25 dB Max.

Mechanical

2.4 mm Connectors Gold Plated Beryllium Copper
 (Mates with 1.85mm & V*** Connectors)

Conductors Gold Plated Beryllium Copper

Barrel & Coupling Nut Passivated Stainless Steel
 For a Gold Plated Barrel & Coupling Nut add /AU to the Model Number Overall lengths are with coupling nut biased fully forward (installed length).

Flange Nickel Plated Copper

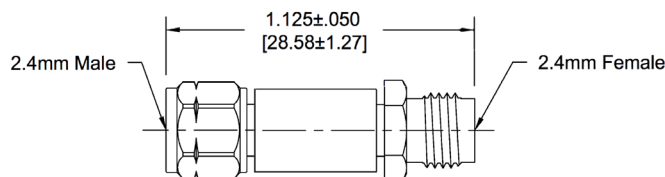
Tab Gold Plated Beryllium Copper

*100 KHz - 250 KHz VSWR is Typically 1.40:1 Max.

**32 GHz - 50 GHz Insertion loss is Typically 1.0 dB Max. as goal.

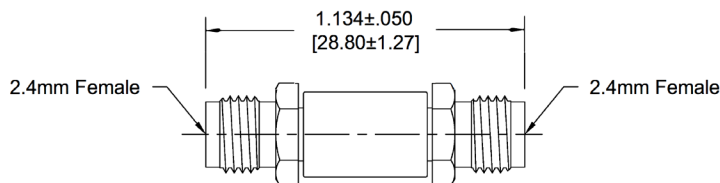
Model Number: 8535E

2.4 mm Male / Female



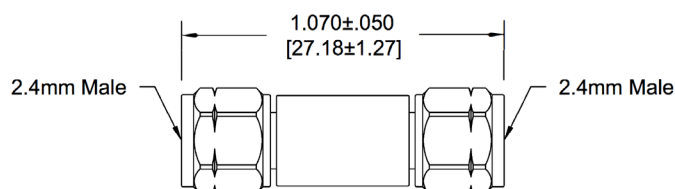
Model Number: 8535EF

2.4 mm Female / Female



Model Number 8535EM

2.4 mm Male / Male



***Dimensions in brackets are expressed in millimeters and are for reference only.

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.