

DC BLOCKS

2.4mm

7 KHz - 50 GHz
INNER ONLY

api 
technologies corp.
> INMET

MODELS: 8535E, 8535EF & 8535EM

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:

2.4mm 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

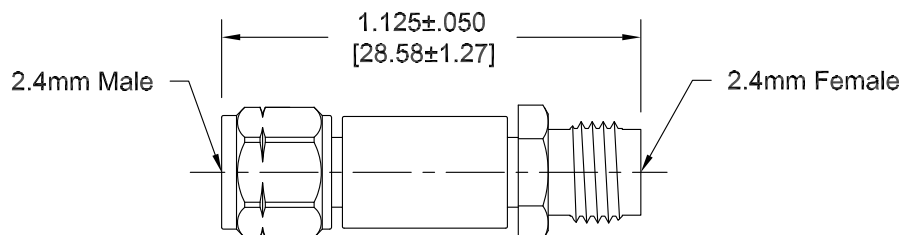
Overall lengths are with coupling nut biased fully forward (installed length).

*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:*V is a trademark of Anritsu Corp.

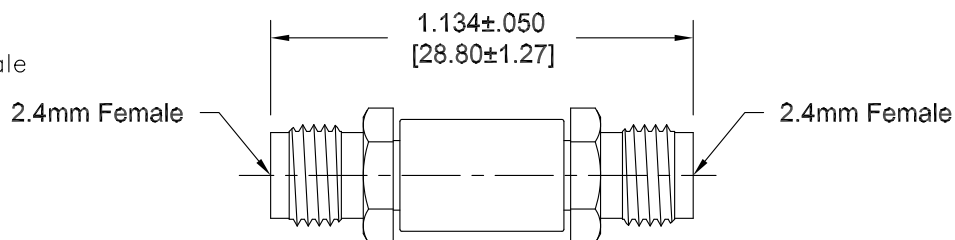
Model Number: **8535E**

2.4mm Male / Female



Model Number: **8535EF**

2.4mm Female / Female



Model Number: **8535EM**

2.4mm Male / Male

