

DC BLOCKS

2.4mm, 7 kHz - 50 GHz, Inner Only

SPECIFICATIONS:

Models: 8535E

RoHS
Compliant



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:

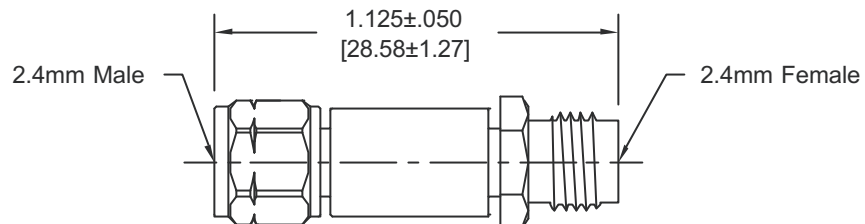
2.4mm Connectors _____ Gold Plated Beryllium Copper
 (Mates with 1.85mm & V*** Connectors)
 Conductors _____ Gold Plated Beryllium Copper
 Barrel & Coupling Nut _____ Passivated Stainless Steel
 For a Gold Plated Barrel & Coupling Nut add /AU to the Model Number

*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.

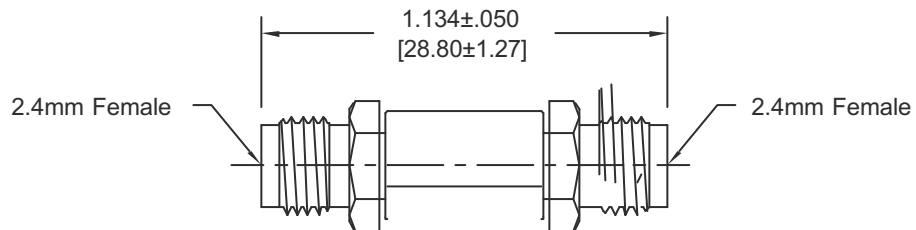
Model Number: **8535E**

2.4mm Male / Female



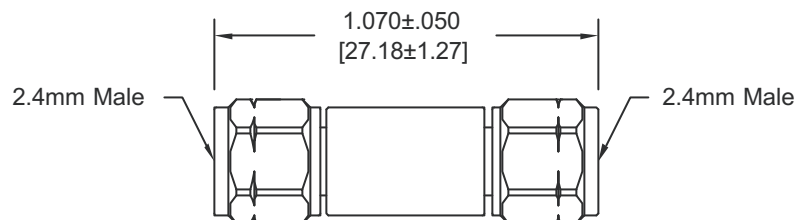
Model Number: **8535EF**

2.4mm Female / Female



Model Number: **8535EM**

2.4mm Male / Male



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

8535E: REV D



Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
 888-244-6638 or 734-426-5553 • FAX: 734-426-5557
 www.aeroflex.com/inmet • inmet-sales@eroflex.com