

DC BLOCKS

2.9mm, 16 kHz - 40 GHz, Inner Only

SPECIFICATIONS:

Models: 8535K, 8535KH

RoHS
Compliant

Electrical:

Frequency Range _____ 16 kHz - 40 GHz

VSWR:

250 kHz - 18 GHz _____ 1.30:1 Max.

18 GHz - 32 GHz _____ 1.55:1 Max.

32 GHz - 40 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. _____ <16 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 - 40 GHz*** _____ 1.25 dB Max.

***32 GHz - 40 GHz Insertion loss is Typically 1.0 dB Max. as goal.
Usable typ. > 40 GHz.

Materials:

2.9mm Connectors _____ Passivated Stainless Steel

2.9mm connectors mate both Mechanically and Electrically
with all SMA, 3.5mm and K* Series Connectors

Center Conductors _____ Gold Plated Beryllium Copper

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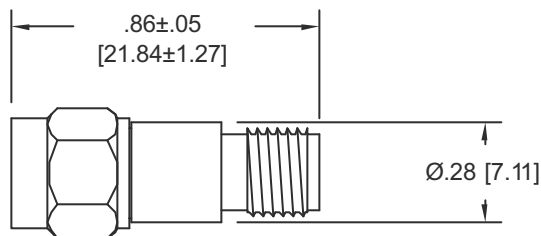
Typical Low Frequency Performance

Frequency Range	Insertion Loss	VSWR
1 kHz	24dB	-
16 kHz	3dB	6:1
50 kHz	0.5dB	2:1
110 kHz	0.1dB	1.35:1

* K is a Trademark of Anritsu Corp.

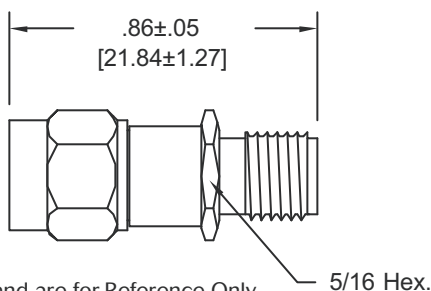
Model Number: **8535K**

2.9mm Male / Female



Model Number: **8535KH**

2.9mm Male / Female



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design, specifications are subject to change without notice. Contact factory for technical specifications before purchasing and/or use.

8535K: REV C

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