

DC BLOCKS

2.9mm

16 kHz - 40 GHz

INNER ONLY



MODELS: 8535K, 8535KH

SPECIFICATIONS:

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 _____ 75 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.

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

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

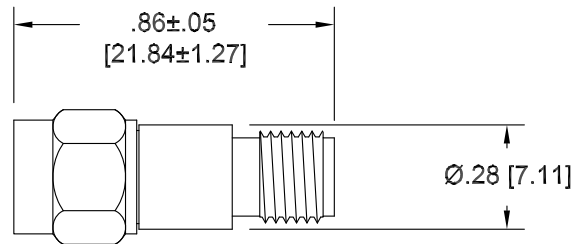
Materials:

2.9mm Connectors _____ Passivated Stainless Steel
 2.9mm Connectors mate both Electrically and Mechanically with all SMA, K* and 3.5mm Connectors
 Center Conductors _____ Gold Plated Beryllium Copper

* The K Connector is a Trademark of Wiltron Corporation.

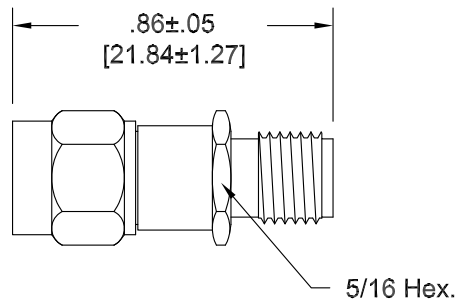
Model Number: **8535K**

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 or use.