

# DC Blocks

## 2.4mm

100 MHz – 50 GHz

MODELS: 8177, 8178 & 8179

### Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	100 MHz – 50 GHz
VSWR	1.75:1 max.
Impedance	50 Ohms
Insertion Loss	1.5 dB max.
Voltage Rating	75 Volts
Operation Temp. Range	+5°C to +75°C

Parameter	Value
<i>Mechanical</i>	
2.4mm Connectors Mates with 1.85mm and V* connectors	Gold Plated Beryllium Copper
Conductors	Gold Plated Beryllium Copper
Barrel & Coupling Nut**	Passivated Stainless Steel

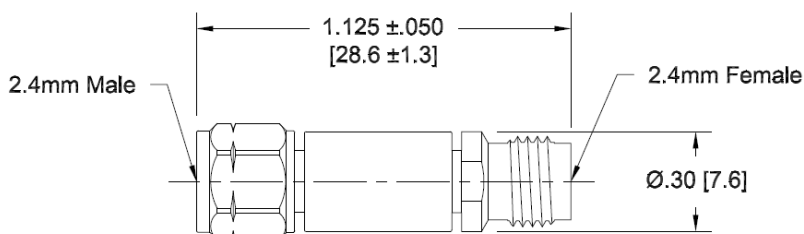
Overall lengths are with the coupling nut biased fully forward (installed length)

\*K is a trademark of Wiltron Corp.

\*\*For a gold-plated barrel and coupling nut, add /AU to model number

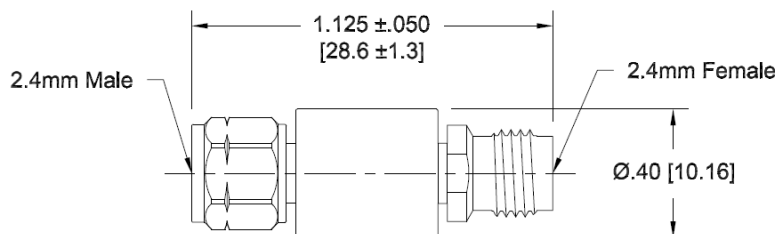
#### Model Number: 8177

Inner Only



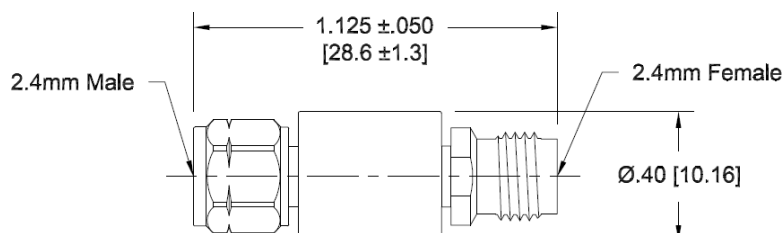
#### Model Number: 8178

Outer Only



#### Model Number: 8179

Inner / Outer



\*\*\*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.