

# DC Blocks

## SMA

Models: 8037, 8038, 8039, AA-8040, AA-8041, AA-8042, 8043, 8044, 8045

**10 MHz - 18 GHz**  
**200 Volts**

### Specifications

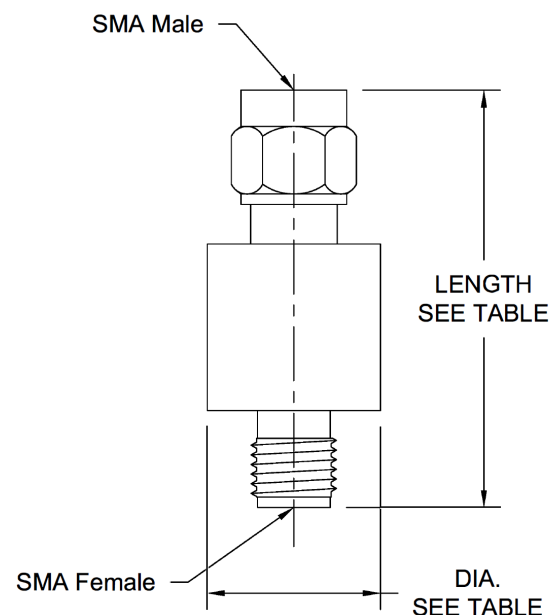
#### Electrical

**Frequency Range:** 10 MHz - 18 GHz  
**VSWR:** 1.35: 1 Max.  
**Impedance:** 50 Ohms  
**Insertion Loss:** 0.5 dB Max.  
**Voltage Rating:** 200 Volts Max.  
**Operating Temp. Range:** -65°C to + 125°C

#### Mechanical

**SMA Connectors:** Passivated Stainless Steel  
 Mates with MIL-STD-348  
**Conductors:** Gold Plated Beryllium Copper  
**Housings:**  
 Inner Only Blocks: Passivated Stainless Steel  
 Outer and Inner/Outer Blocks: High Temp. Plastic

Table					
Model Number	Block Type	Conn. Config.	Weight Grams Max.	Diameter	Length
8037	Inner Only	Male/ Female	9	Ø.36 [9.1]	1.20 ± .03 [30.5 ± 0.8]
8038	Outer Only		8.2	Ø.50 [12.7]	
8039	Inner-Outer				
AA-8040	Inner Only	Female/ Female	7.3	Ø.36 [9.1]	1.07 ± .03 [27.1 ± 0.8]
AA-8041	Outer Only		6.4	Ø.50 [12.7]	
AA-8042	Inner-Outer				
8043	Inner Only	Male/ Male	10.7	Ø.36 [9.1]	1.33 ± .03 [33.8 ± 0.8]
8044	Outer Only		9.9	Ø.50 [12.7]	
8045	Inner-Outer				



Model Shown: 8038

*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.*