



**Electrical Specifications:**

**Specifications for 0.5 - 18 Ghz:**

Frequency Range:	RFin to RF+LF	0.5 – 18	Ghz	
Insertion Loss:	RFin to RF+LF	1.5	dB	Max
Isolation:	RFin to LF port	40	dB	Min
VSWR:	RFin, RF+LF ports	1.70:1	--	Max

**Specifications for DC-100 Mhz:**

Frequency Range:	LF to RF+LF	DC – 100	Mhz	
Insertion Loss:	LF to RF+LF	1.5	dB	Max
VSWR:	LF port	1.80:1	--	Max
Current Amps:		0.5	Amp	Max
Vdc:		50	Vdc	Max
Input Power RFin:		1.0	Watts	Max

Connectors - Ports: SMA Female  
 Operating Humidity: Up to 95% Non-condensing  
 Operating Temperature: -55 °C to 80°C  
 Housing material: Aluminum 6061-T6  
 Finish: Nickel plating

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**SBD12D2**

**Diplexer - Bias Tee  
 SMA Connectors**

Dimensions are in inches and (mm)  
 Decimal Tolerance:  
 2 place +- 0.020  
 3 place +- 0.010

**CAGE CODE : 69UC1**

Notes: All dimensions are typical unless they are specified.  
 Specifications are subject to change at any time without any notice.  
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