



**Electrical Specifications:**

**Specifications for 0.4 - 18 Ghz:**

Frequency Range:	RFin to RF+LF	0.4 – 18.0	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-50 Mhz:**

Frequency Range:	LF to RF+LF	DC – 50.0	Mhz	
Insertion Loss:	LF to RF+LF	1.0	dB	Max
VSWR:	LF port	1.70:1	--	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

**SigaTek**

423 Black Oak Ridge Rd.  
 Wayne, NJ 07470  
 Ph: 973-706-8475, Fax: 973-832-4435  
 www.sigatek.com

**SBD11D2**

**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.  
 Copy or distribution of this drawing is not allowed without Sigatek's approval.