



Electrical Specifications:

Specifications for 0.3-27 Ghz:

Frequency Range:	RFin to RF+LF	0.3 – 27.0	Ghz	
Insertion Loss:	RFin to RF+LF	2.5	dB	Max
Isolation:	RFin to LF	35/30	dB	Typ/Min
VSWR:	RFin, RF+LF	1.80:1	--	Max

Specifications for DC-20 Mhz:

Frequency Range:	LF to RF+LF	DC – 20.0	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: RFin, RF+LF= 2.92mm Female, LF= 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

SBD20D2

Diplexer - Bias Tee 2.92mm 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.