



Electrical Specifications:

Specifications for 1 - 18 Ghz:

| | | | |
|--------------------------------|------------|-----|-----|
| Frequency Range: RFin to RF+LF | 1.0 – 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-200Mhz:

| | | | |
|------------------------------|----------|-------|-----|
| Frequency Range: LF to RF+LF | DC – 200 | Mhz | |
| Insertion Loss: LF to RF+LF | 1.5 | dB | Max |
| VSWR: LF port | 2.00:1 | -- | 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

SBD13D2

**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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