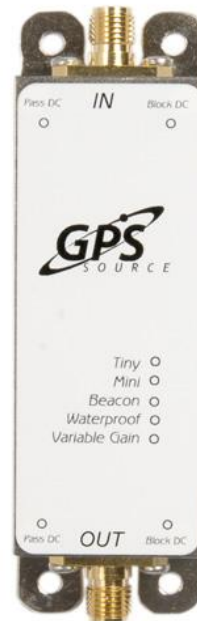


DCB GPS DC Block

Features

- ❖ Excellent Flat Response
- ❖ Supports GPS, Galileo & GLONASS - All Bands



Description

Designed specifically for use in all L-Band channels of Global Navigation Satellite Systems, including GPS, Galileo, GLONASS, and QZSS, the DCB conveniently blocks the antenna bias DC voltages in applications where the DC antenna voltage is not required or is provided by another source.

The DCB comes with various options to meet your specific needs. Please call, fax, email (sales@gpssource.com), or visit our website (www.gpssource.com) for further information on product options & specifications.

DCB GPS DC Block

Electrical Specifications, Operating Temperature -40 to 85⁰ C

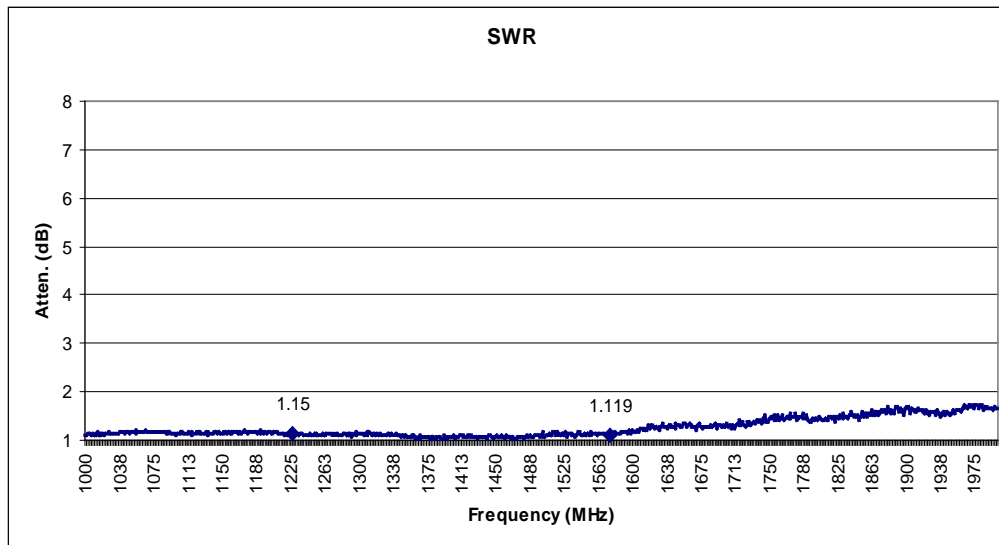
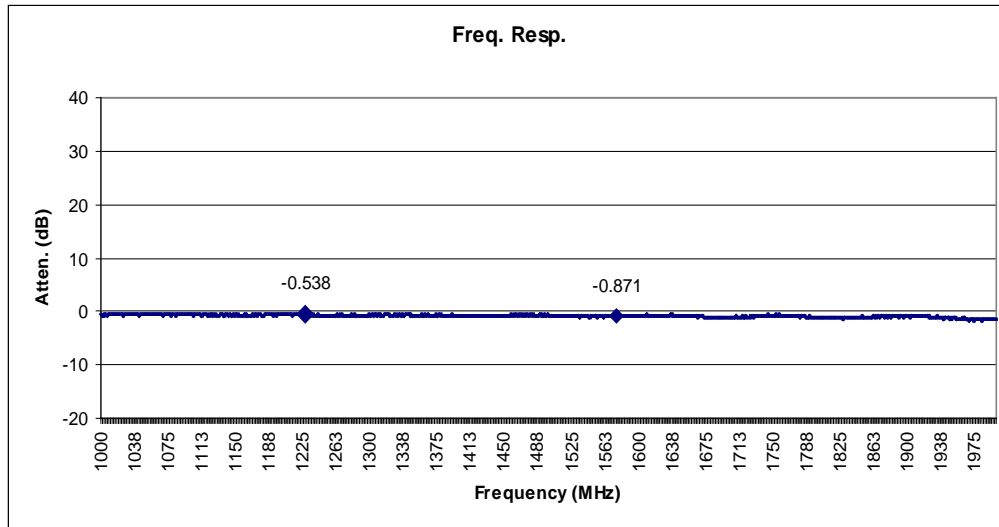
| Parameter | Conditions | Min | Typ | Max | Units |
|------------------------------|--------------------------------|-----|-----|-------|-------|
| Freq. Range | IN – OUT, IN/OUT-50Ω | 1 | | 2 | GHz |
| In/Out Imped. | IN, OUT | | 50 | | Ω |
| Loss ⁽¹⁾ | IN – OUT, IN/OUT-50Ω | | 0.5 | 1.0 | dB |
| Input SWR ⁽¹⁾ | OUT Port - 50Ω | | | 1.5:1 | - |
| Output SWR ⁽¹⁾ | IN Port - 50Ω | | | 1.5:1 | - |
| Gain Flatness ⁽¹⁾ | L1 - L2 , IN – OUT, IN/OUT-50Ω | | | 0.5 | dB |
| DC IN | DC Input on IN/OUT port | - | | 25 | VDC |
| Max RF Input | Max RF input without damage | | | 30 | dBm |

Notes: (1): Performance guaranteed for N(F) connectors

DCB GPS DC Block

Performance Data

DCB DC Block



DCB GPS DC Block

Available Options:

| RF Connector Options: | | |
|-----------------------|---------------------|-------------|
| Connector Options | Connector Type | Limitations |
| | N (Male & Female) | |
| | SMA (Male & Female) | |
| | TNC (Male & Female) | |

| Housing Options: | | |
|------------------|--------------|-------------------------------------|
| Housings | Housing Type | Limitations |
| | Mini | Connectors Not Available: N, TNC |
| | Tiny | |

Part Number

DCB – M – SF

Product:
Standard

Custom Atten. Option:
M = Mini Housing
T = Tiny Housing

Connector Options:
NM – N, Male
NF – N, Female
SM – SMA, Male
SF – SMA, Female
TM – TNC, Male
TF – TNC, Female

For help in creating the part number to meet your exact needs, contact us at Sales@gpssource.com or visit our website at www.gpssource.com.