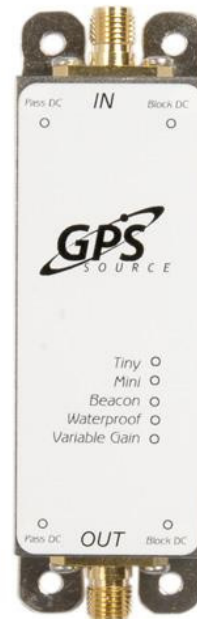


# DCB GPS DC Block

## Technical Product Data

### 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](mailto:sales@gpssource.com)), or visit our website ([www.gpssource.com](http://www.gpssource.com)) for further information on product options & specifications.

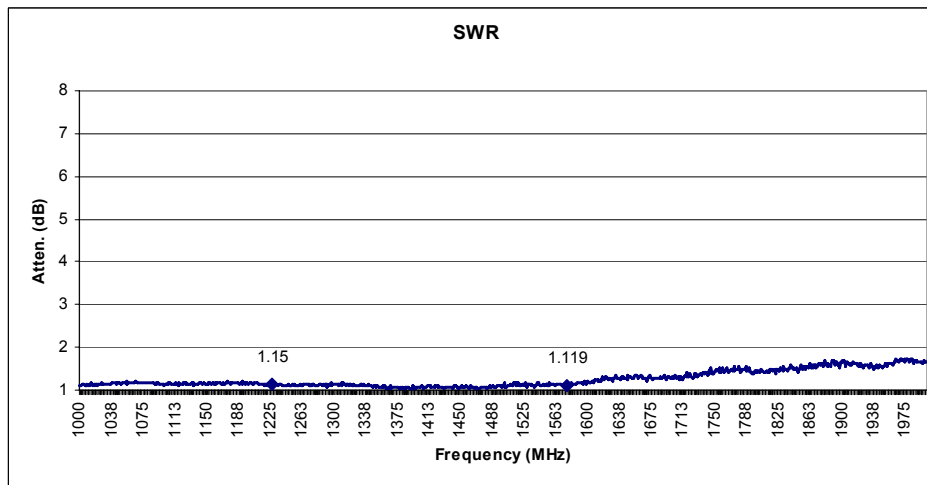
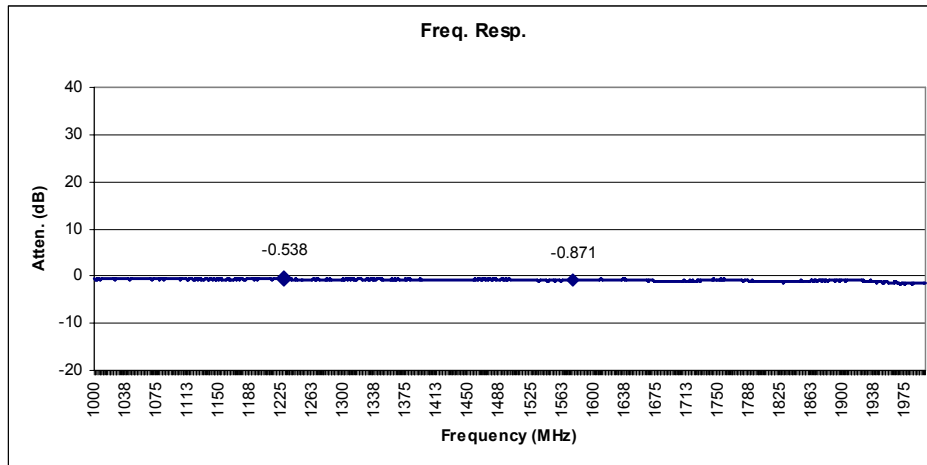
**Electrical Specifications, Operating Temperature -40 to 85<sup>0</sup> C**

Parameter	Conditions	Min	Typ	Max	Units
Freq. Range	IN – OUT, IN/OUT-50Ω	1		2	GHz
In/Out Imped.	IN, OUT		50		Ω
Loss <sup>(1)</sup>	IN – OUT, IN/OUT-50Ω		0.5	1.0	dB
Input SWR <sup>(1)</sup>	OUT Port - 50Ω			1.5:1	-
Output SWR <sup>(1)</sup>	IN Port - 50Ω			1.5:1	-
Gain Flatness <sup>(1)</sup>	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

**Performance Data:**

**DCB DC Block**



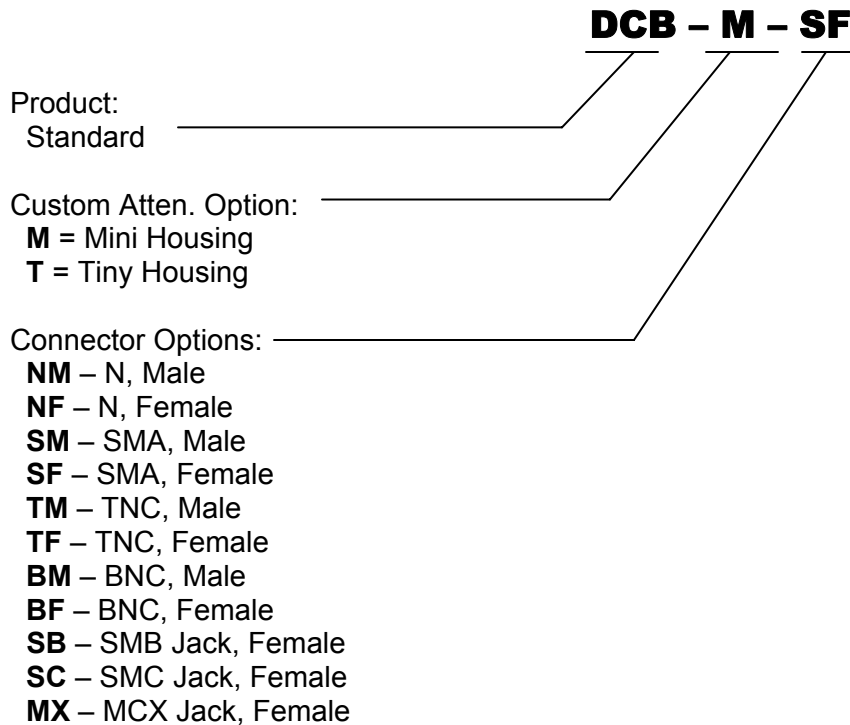
**Available Options:**

<b>RF Connector Options:</b>		
Connector Options	Connector Type	Limitations
	N (Male & Female)	
	SMA (Male & Female)	
	TNC (Male & Female)	
	SMB (Female)	
	SMC (Female)	
	MCX (Female)	
	BNC (Male & Female)	Performance Not Guaranteed

<b>Housing Options:</b>		
Housings	Housing Type	Limitations
	Mini	Connectors Not Available: N, TNC, BNC
	Tiny	

**Part Number:**



For help in creating the part number to meet your exact needs, contact us at [Sales@gpssource.com](mailto:Sales@gpssource.com) or visit our website at [www.gpssource.com](http://www.gpssource.com).