

# DCB GPS DC Block

## Description

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

## Features:

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

## Options:

The DCB comes with various options to meet your specific needs. Please contact GPS Source for further information on product options & specifications.



## DCB GPS DC Block

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

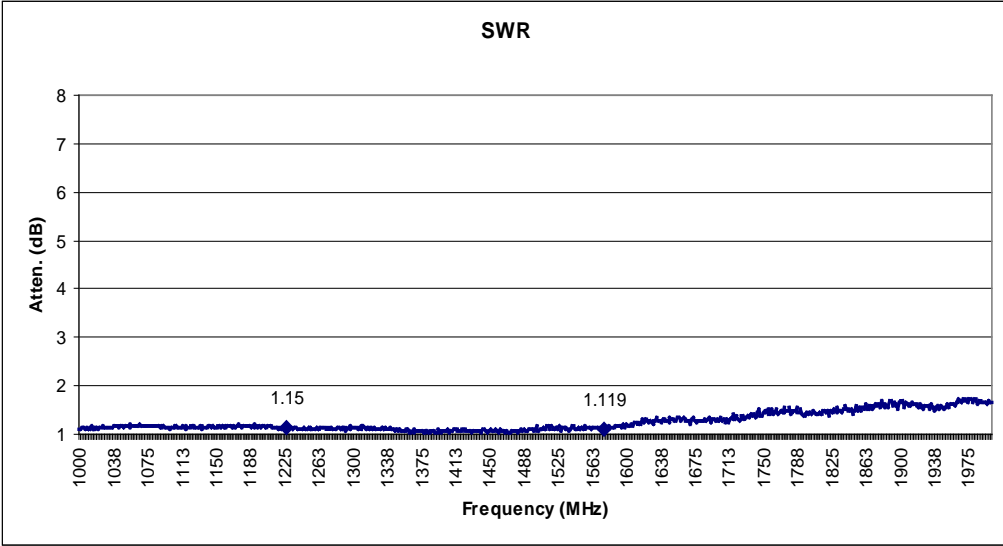
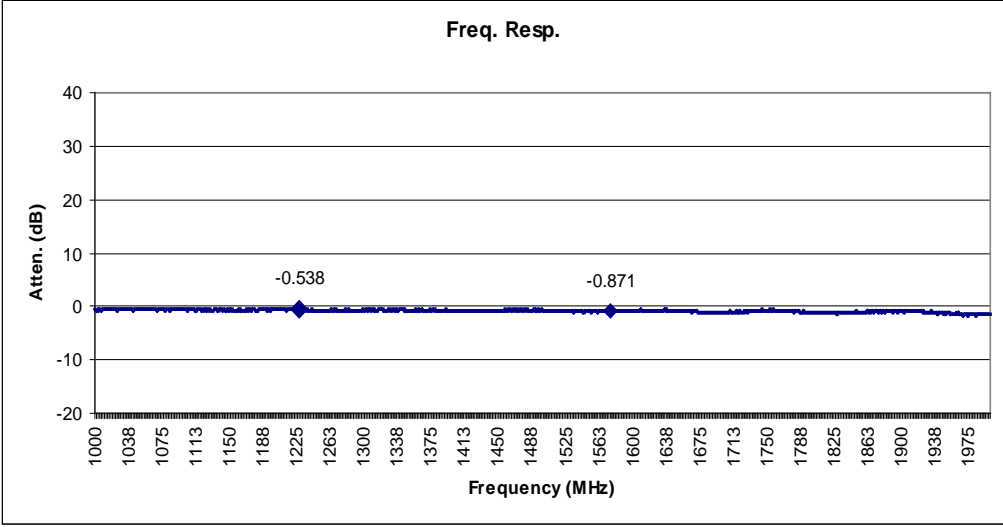
Parameter	Conditions	Min	Typ	Max	Units
Freq. Range	IN – OUT, IN/OUT-50Ω	1.1		1.7	GHz
In/Out Imped.	IN, OUT		50		Ω
Loss <sup>(1)</sup>	IN – OUT, IN/OUT-50Ω		0.5	1.0	dB
Input SWR <sup>(1)</sup>	OUT Port - 50Ω			1.5:1	-
Output SWR <sup>(1)</sup>	IN Port - 50Ω			1.5:1	-
Gain Flatness <sup>(1)</sup>	L1 - L2 , IN – OUT, IN/OUT-50Ω			0.5	dB
Max RF Input	Max RF input without damage			30	dBm

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

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Performance Data

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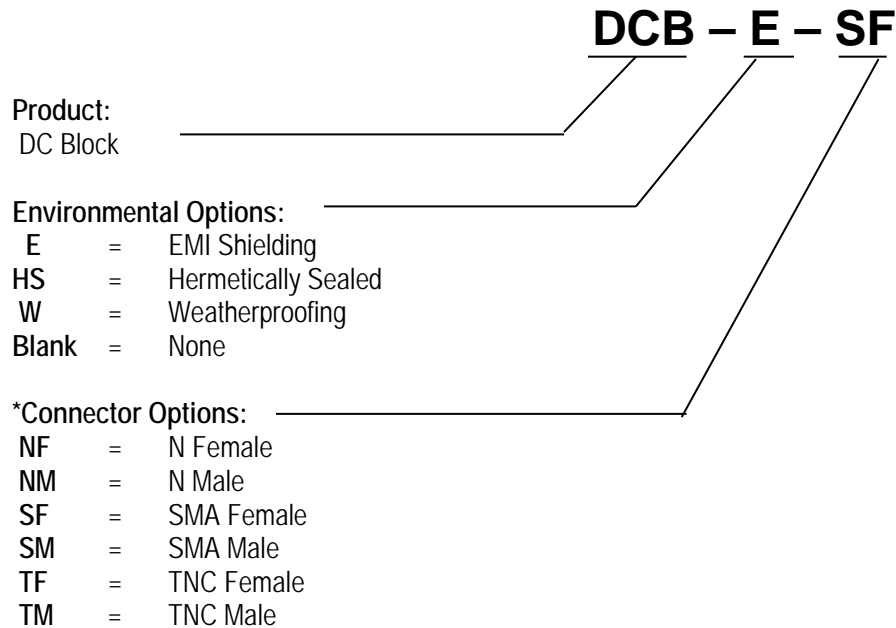


## DCB GPS DC Block

### Available Options:

RF Connector Options:		
Connector Options	Connector Type	Limitations
	N (Male & Female)	
	SMA (Male & Female)	
	TNC (Male & Female)	
<i>*Note: When the input and output RF connectors are different, the first connector type listed is always the input, and the 2nd connector type listed is always the output i.e. DCB-TF-TM = DC Block, Mini Housing, TNC-female input, TNC-male output</i>		
Housing Options:		
Housings	Housing Type	Limitations
	Mini	Standard

### Part Number:



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