

Atlantic Microwave

DC Blocks

The ADB series of DC Blocks contain a capacitor in series with the conductors to prevent the flow of DC and audio frequencies whilst permitting RF signals to flow with minimum interference up to 40GHz. Available in a choice of Inner, Outer and Inner-Outer types.

- DC-40 GHz



Operating frequency range



50 Ohms



Choices



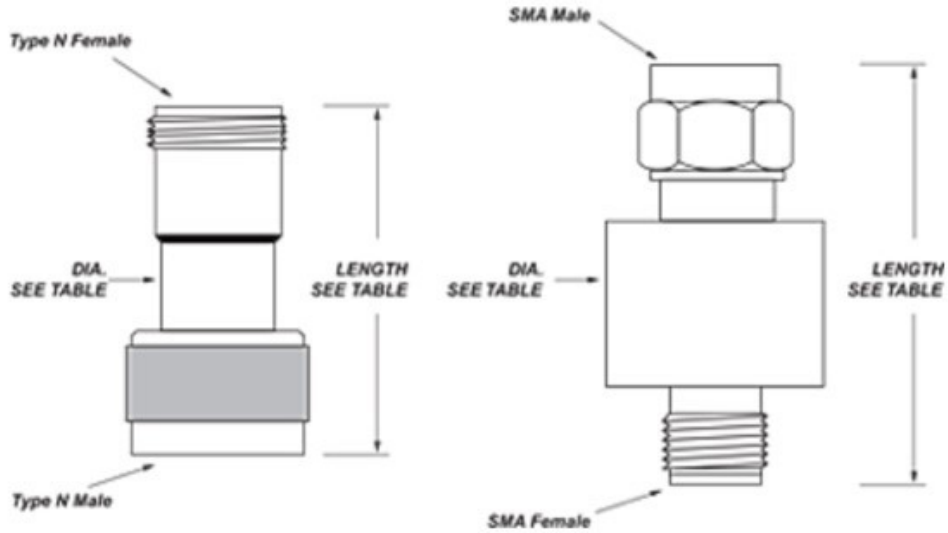
General Specifications	
Impedance	50 ohms
Connectors	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper

Model No.	Frequency Range	Connector Type	Block Type	Insertion Loss (dB) max.	VSWR (:1) max.	Voltage Rating (V) max.	Operating Temp. (C)	Size
ADB-18SMF-I	10MHz - 18GHz	SMA Male/Female	Inner Only	0.50	1.35	200	-65 to +125	1
ADB-18SMF-O	10MHz - 18GHz	SMA Male/Female	Outer Only	0.50	1.35	200	-65 to +125	2
ADB-18SMF-IO	10MHz - 18GHz	SMA Male/Female	Inner-Outer	0.50	1.35	200	-65 to +125	2
ADB-M-18SMF-I	10MHz - 18GHz	SMA Male/Female	Inner Only	0.50	1.35	200	-65 to +125	3
ADB-MH-18SMF-I	as model ADB-M-18SMF-I above with 5/16 Hex Nut							
ADB-18NMF-I	10MHz - 18GHz	Type N Male/Female	Inner Only	0.60	1.35	200	-65 to +125	4
ADB-18NMF-O	10MHz - 18GHz	Type N Male/Female	Outer Only	0.60	1.35	200	-65 to +125	5
ADB-18NMF-IO	10MHz - 18GHz	Type N Male/Female	Inner-Outer	0.60	1.35	200	-65 to +125	5
ADB-26KMF-I	7KHz - 26.5GHz	2.9mm Male/Female	Inner Only	0.50 (250KHz-18GHz) 0.75 (18-26.5GHz)	1.35 (250KHz-18GHz) 1.50 (18-26.5GHz)	75	-35 to +85	3
ADB-26KMF-O	10MHz - 26.5GHz	2.9mm Male/Female	Outer Only	0.50	1.35	200	-65 to +125	6
ADB-26KMF-IO	10MHz - 26.5GHz	2.9mm Male/Female	Inner-Outer	0.75	1.35	200	-65 to +125	6
ADB-40KMF-I	10MHz - 40GHz	2.9mm Male/Female	Inner Only	0.75	1.45	200	-65 to +125	7
ADB-40KMF-O	10MHz - 40GHz	2.9mm Male/Female	Outer Only	0.50	1.45	200	-65 to +125	8
ADB-40KMF-IO	10MHz - 40GHz	2.9mm Male/Female	Inner-Outer	0.75	1.45	200	-65 to +125	9
ADB-M-40KMF-I	16KHz - 40GHz	2.9mm Male/Female	Inner Only	0.50 (100KHz-12.4GHz) 0.75 (12.4-32GHz) 1.25 (32-40GHz)	1.30 (250KHz-18GHz) 1.55 (18-32GHz) 1.65 (32-40GHz)	75	-35 to +85C	7
ADB-MH-40KMF-I	as model ADB-M-40KMF-I above with 5/16 Hex Nut							



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Outlines are a typical illustration only.
For detailed outlines please consult factory.



Size	Dimensions inches (mm)	
	Dia (Ø)	Length (L)
1	.36 (9.1)	1.20 +/- .03 (30.5 +/- 0.8)
2	.50 (12.7)	1.20 +/- .03 (30.5 +/- 0.8)
3	.28 (7.11)	.855 +/- .02 (21.7 +/- 0.51)
4	.63 (16.0)	1.76 +/- .03 (44.7 +/- 0.8)
5	.50 (12.7)	1.91 +/- .03 (48.5 +/- 0.8)
6	.50 (12.7)	.86 +/- .02 (21.84 +/- 0.51)
7	.28 (7.11)	.86 +/- .05 (21.84 +/- 1.27)
8	.50 (12.7)	.86 +/- .03 (21.84 +/- 0.76)
9	.50 (12.7)	.86 +/- .05 (21.84 +/- 1.27)

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

