

## DC Blocks ADB Series

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



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

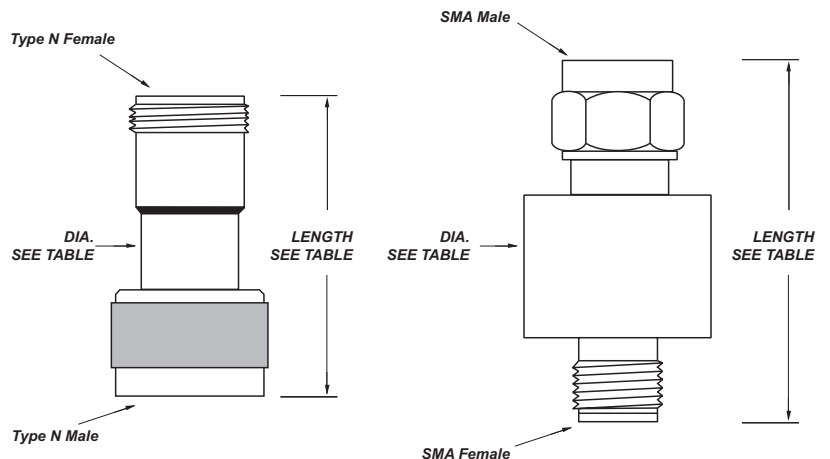
Model No.	Frequency Range	Connector Type	Block Type	Insertion Loss (dB) max.	VSWR (:1) max.	Voltage Rating (V) max.	Operating Temp. (C)	Size
ADB-18SMF-I	10MHz - 18GHz	SMA Male/Female	Inner Only	0.50	1.35	200	-65 to +125	1
ADB-18SMF-O	10MHz - 18GHz	SMA Male/Female	Outer Only	0.50	1.35	200	-65 to +125	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								

### Options:

Other Connector Configurations are available - Male to Male and Female to Female

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 +/-0.03 (30.5 +/-0.8)
2	.50 (12.7)	1.20 +/-0.03 (30.5 +/-0.8)
3	.28 (7.11)	.855 +/-0.02 (21.7 +/-0.51)
4	.63 (16.0)	1.76 +/-0.03 (44.7 +/-0.8)
5	.50 (12.7)	1.91 +/-0.03 (48.5 +/-0.8)
6	.50 (12.7)	.86 +/-0.02 (21.84 +/-0.51)
7	.28 (7.11)	.86 +/-0.05 (21.84 +/-1.27)
8	.50 (12.7)	.86 +/-0.03 (21.84 +/-0.76)
9	.50 (12.7)	.86 +/-0.05 (21.84 +/-1.27)



We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

### Passive Components