

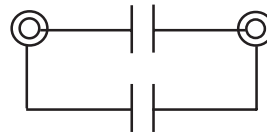


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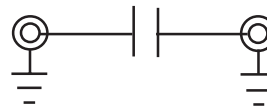
## FREQUENCY RANGE: 1 - 1000 MHz

### DC BLOCK

Because of their inherent high breakdown potential, the DC Blocks are ideal for applications where a high voltage, DC or AC up to 20 KHz, must be rejected from the RF signal path. Leakage from modulating signals can occur via AC power lines, through ground loops, or along poorly grounded coaxial cables. These leakages can impair the accuracy of RF measurements, and or signal purity.



DUAL BLOCK



SINGLE BLOCK

FREQUENCY RANGE (MHz)	INSERTION LOSS (dB)			VOLTAGE BREAKDOWN (Vdc)	VSWR			TYPE	MODEL
	LB TYP/MAX	MB TYP/MAX	UB TYP/MAX		LB TYP/MAX	MB TYP/MAX	UB TYP/MAX		
3-500	0.06/0.20	0.04/0.20	0.10/0.20	2500	1.12:1/1.20:1	1.08:1/1.20:1	1.12:1/1.25:1	Single	<b>BLK-711N</b>
5-500	0.12/0.20	0.10/0.20	0.12/0.25	2500	1.18:1/1.25:1	1.12:1/1.20:1	1.20:1/1.30:1	Dual	<b>BLK-721N</b>
1-1000	0.20/0.30	0.10/0.20	0.40/0.50	2500	1.40:1/1.50:1	1.10:1/1.20:1	1.40:1/1.50:1	Single	<b>BLK-712N</b>
3-900	0.25/0.40	0.15/0.30	0.30/0.40	2500	1.18:1/1.25:1	1.23:1/1.32:1	1.35:1/1.45:1	Dual	<b>BLK-722N</b>

**NOTE:** For different connector requirements, please contact Synergy.  
Impedance is 50 Ohms for all models.

LB = LF to 10 LF  
MB = 10 LF to HF/2  
UB = HF/2 to HF

For package outline drawing, see back pages.