



**CRYSTEK**  
**MICROWAVE**  
A DIVISION OF CRYSTEK CORPORATION

# SMA DC Block 300KHz to 3GHz



ACTUAL SIZE

## FEATURES:

- LOW INSERTION LOSS
- FLAT FREQUENCY RESPONSE
- EXCELLENT RETURN LOSS THROUGH 3GHz

## MAXIMUM RATINGS:

- 16 WVDC MAX
- OPERATING TEMP.: -55°C TO 90°C
- STORAGE TEMP.: -55°C TO 125°C

## APPLICATIONS:

- DC BLOCKING
- BROADBAND COUPLING
- TEST AND MEASUREMENT



**CRYSTEK**  
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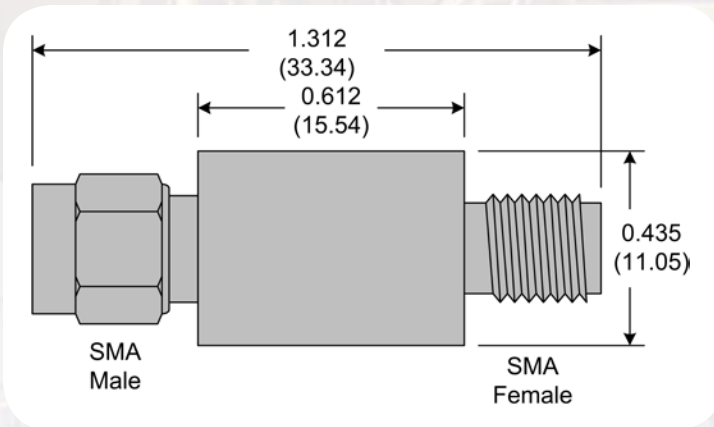
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Rev.: A  
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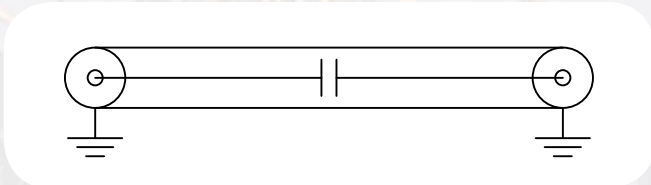
# SMA DC Block 300KHz to 3GHz



Freq Range: 300KHz - 3GHz  
 Temperature Range: -55°C to +90°C  
 Storage Temperature: -55°C to +125°C  
 DC Input Voltage: 16 WVDC



Freq. (MHz)	DC Block		Return Loss	
	Insertion Loss (dB)	Male (dB)	Female (dB)	
0.3	0.02	25	25	
0.5	0.02	25	25	
0.8	0.02	25	26	
1.0	0.02	26	26	
5.0	0.02	29	33	
10.0	0.02	33	43	
20.0	0.02	37	51	
50.0	0.02	36	44	
100.0	0.02	35	39	
200.0	0.02	33	34	
300.0	0.03	32	31	
400.0	0.05	31	29	
500.0	0.06	29	27	
600.0	0.07	28	26	
700.0	0.07	27	24	
800.0	0.08	25	23	
900.0	0.15	24	22	
1000.0	0.15	23	21	
1500.0	0.30	21	19	
2000.0	0.30	18	18	
2500.0	0.30	16	16	
3000.0	0.40	14	15	



**Ordering Information**  
**Part Number: CBLK-300-3**