



The DNA of tech.™

## DC Blocking Capacitors

# Efficient Coupling and DC Blocking Characterized for Common Industry-Accepted Frequency Bands



### ADVANTAGE

Provides efficient coupling of AC signals while blocking DC signals for key established frequency bands.

### KEY PRODUCT FEATURES

- ✓ Characterized for common frequency bands ranging from 3 MHz to 18 GHz
- ✓ Multiple working voltages (from 25 V to 500 V)
- ✓ Low loss (<0.5 db) across the band
- ✓ Custom ranges available



### RESOURCES



[Order Samples](#)



[Product Page](#)



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[Infographics](#)



[S-Parameters](#)

### MARKETS & APPLICATIONS



#### CONNECTIVITY

- RF, 5G, Bluetooth
- Powerline communication circuits
- Military radios
- Infotainment systems, amplifiers
- Fiber optic lines
- Microwave modules
- High frequency data links



#### ENERGY SECTOR

- Grid management, monitoring and metering



#### INDUSTRIAL

- HVAC
- IIoT
- Controls, sensors and detectors
- Emergency lighting, and control panels
- Surveillance, access systems, smoke, fire and flame detectors
- Home Automation, heating controls



#### MEDICAL

- Instrumentation, monitoring, therapeutics

## ADDITIONAL BENEFITS

- S-parameters available for download
- DC blocks for a specific frequency band eliminate the need for higher cost broadband blocks. Signal loss across the frequency band is < 0.5 db

QUICK REFERENCE DATA		
FREQUENCY	BAND CASE SIZE	MAXIMUM VOLTAGE (V)
HF	0402	50
	0603	100
	0805	100
	1210	500
VHF	0402	50
	0603	100
	0805	100
	1210	500
UHF	0402	50
	0603	100
	0805	100
	1210	500
L	0402	50
	0603	100
	0805	100
	1210	500
S	0402	50
	0603	100
	0805	100
C	0402	50
	0603	100
	0805	100
X	0402	50
	0603	100
Ku	0402	50
	0603	100

## TYPICAL ATTENUATION CURVES

