



ADVANCE CAPACITORS

An ISO 9001: 2015 & ISO 13485: 2016 company

Product Range

Type	Applications	Form Factor	Capacitance (μF)	Voltage (V)
MPE	Instrumentation, Meter Damping Communications, Filter bypass, R- C circuit, Switching, Input to High Impedance circuit		0.001μF to 22μF	50V to 1000Vdc
RFI	Autoelectronics		0.5μF to 3.3μF	50Vdc to 250Vdc
Metallised PPS Film Capacitors				
Type	Applications	Form Factor	Capacitance (μF)	Voltage (V)
PPS	In high ambient temperature applications, as a high stability replacement for metallised polycarbonate capacitors		0.047μF to 10μF	63Vdc to 250Vdc
Metallised Polypropylene Film Capacitors				
Type	Applications	Form Factor	Capacitance (μF)	Voltage (V)
X2	For interference suppression in across line appliances, safety capacitors		0.01μF to 4.7μF	250Vac, 275Vac, 305Vac, 440Vac
Y2	For interference suppression between line and ground applications		0.001μF to 0.0047μF	250Vac, 275Vac
CDI	For two wheeler ignition		0.68μF to 3.3μF	400Vdc
FKP (Series Snubber)	For energy conversion and used to suppress or attenuate high voltage peaks		0.1μF to 2.0μF	850Vdc to 3000Vdc
MKP	For high frequency application precision capacitors, Timing and L-C Filters		0.00047μF to 20μF	63V to 3000Vdc 250V to 1000Vac
PS series (tower block)	For precision capacitors, close tolerance ±1%, Timing and L-C Filters		392nF to 34nF	40Vac/63Vdc
DC Link (Akulon Can) Selfprotected with Segmented film	To support a DC network by supporting periodic high currents in X-ray, CT Scanner, AC & DC drives		10μF to 500μF	800Vdc to 1400Vdc



ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.

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Type	Applications	Form Factor	Capacitance (μF)	Voltage (V)
DC Link (Selfprotected with Segmented Film)	To support a DC network by supplying periodic high currents in Windmill Convertors, DC drives		90μF to 630μF	1320 Vdc
General AC P2 safety class capacitors with segmented film are available	In electric motors (starter/run), fan motors, Lighting, LC filtering, UPS, Power supplies. etc		2μF to 550μF	250 Vdc to 3000 Vdc 250 Vac to 2000 Vac
Resonant	In resonant tank circuits		1.4μF to 21μF	400 Vac to 500 Vac
Fan Regulator	In fan regulators (step type)		1.0μF to 4.7μF	250 Vac
High Voltage	For energy storage and filtering		0.01μF to 10μF	600 Vdc to 40K Vdc
KVAR	For power factor correction		0.5KVAR to 10KVAR	250Vac, 440Vac Single/Three Phase
IGBT Snubber	In snubber circuits		0.1μF to 4.0μF	600Vdc to 2000Vdc
Advance Feedthrough Capacitors				
Type	Applications	Form Factor	Capacitance & Current (A)	Voltage Range (V)
Feed through	High frequency suppression Telecom and Defense applications		0.1μF to 10μF 5A to 400A	63Vdc to 400Vdc
Advance EMI/RFI Noise Filters				
Type	Applications	Form Factor	Current (A)	Voltage Range (V)
EMI RFI Filter	To eliminate or reduce unwanted PFI noise from entering or leaving the equipment		2A to 60A	250Vac, 440Vac Single/Three Phase



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