

# RFI Capacitor Selector Chart

## Common X Capacitors

Series	Operating Voltage	Class	Max. Temp °C	C-value range		Dielectric	Self healing?	Comments
				Min.	Max.			
PME271M	275 VAC	X2	110	0.001uF	0.6uF	Impreg. paper	Yes	Excellent flame resistance.
PME285	275 VAC	X2	110	0.001uF	0.1uF	Impreg. paper	Yes	Excellent flame resistance.
PHE840	275/280 VAC	X2	105	0.01uF	10uF	Polypropylene	Yes	Small size, cost effective, meets agency flammability requirements.
PME271E	300 VAC	X1	110	0.01uF	0.22uF	Impreg. paper	Yes	Excellent flame resistance.
PHE840E	300 VAC	X2	105	0.01uF	10uF	Polypropylene	Yes	Small size, cost effective, meets agency flammability requirements.
PHE841	330 VAC	X1	100	0.01uF	2.2uF	Polypropylene	Yes	Small size, cost effective, meets agency flammability requirements.
PME278**	440 VAC	X1	110	0.001uF	0.15uF	Impreg. paper	Yes	Excellent flame resistance.
PHE844	440/480 VAC	X1	105	0.1uF	2.2uF	Polypropylene	Yes	Small size, cost effective, meets agency flammability requirements.
PME264	660 VAC	X2	85	0.001uF	0.1uF	Impreg. paper	Yes	Excellent flame resistance.
PHE845	760 VAC	X1	105	0.01uF	1.0uF	Polypropylene	Yes	Small size, cost effective, meets agency flammability requirements.

\*\* European approvals only. Suitable for N. American industrial applications at 440VAC because approvals are not required on the capacitor itself. Agency testing on the equipment covers the capacitors too.

## Common Y Capacitors

Series	Operating Voltage	Class	Max. Temp °C	C-value range		Dielectric	Self healing?	Comments
				Min. uF	Max. uF			
PME271Y	250 VAC	Y2	100	0.001uF	0.1uF	Impreg. paper	Yes	Excellent flame resistance and high self healing voltage.
PME289	250 VAC	Y2	100	0.001uF	0.022uF	Impreg. paper	Yes	Excellent flame resistance and high self healing voltage.
PHE842	250 VAC	Y2	100	0.001uF	0.0047uF	Polyester	Yes	Cost effective, meets agency flammability requirements.
ERO610	250 VAC	Y2	125	0.001uF	0.012uF	Ceramic disk	No	Cost effective, meets agency flammability requirements. Will bend during IEC push test. *
PME271Y A-E	300 VAC	Y2	115	0.001uF	0.15uF	Impreg. paper	Yes	Excellent flame resistance and high self healing voltage.
PME291	300 VAC	Y2	115	0.001uF	0.022uF	Impreg. paper	Yes	Excellent flame resistance and high self healing voltage.
ERK610	300 VAC	Y2	125	33pF	4700pF	Ceramic disk	No	Cost effective, meets agency flammability requirements. Will bend during IEC push test. *
PME294	440 VAC	Y1	115	470pF	4700pF	Impreg. paper	Yes	Excellent flame resistance and high self healing voltage.
ERP610	500 VAC	Y1	125	33pF	4700pF	Ceramic disk	No	Cost effective, meets agency flammability requirements. Will bend during IEC push test. *

\* Ceramic Y capacitors will bend during the **IEC950 push test**. Also see the brochure **Spotlight on Power Supplies**, available from Evox Rifa or at [www.evoxrifa.com](http://www.evoxrifa.com).