

Harris Model SW-100A

100 kW Transmitter

Capacitor Replacement Guide

Harris' SW-100A is a high-level, plate modulated short wave broadcast transmitter, featuring automatic 10-channel pre-set tuning. Utilizing the exclusive Pulse Duration Modulator, the SW-100A provides higher efficiency, lower operating costs and overall superior performance.



Introduction:

In an effort to better support our shortwave broadcast customers, Comet initiated a study to identify replacement capacitors for the Harris SW-100A Transmitters.

Scope:

Since these transmitters are installed in the field, it was critical to minimize changes to the transmitter.

Application:

Application of these capacitors is being evaluated at several sites.

Responsibilities:

Since differences can occur over time in specific installations, it is always recommended to verify replacements in your application.

Recommended Capacitors:

- CV3C-650G/55
- CV1C-1000K/20
- CV1C-2300J/10
- MC2C-50KT-3005
- MC2C-12KT-3005

Similar Transmitters:

These capacitors are also applicable to the Harris SW-100 and SW-100B transmitters. Please check with Comet if you have any questions.

Harris SW-100A Transmitter

Manufacturer Description	Qty	Original Capacitor	Replacement Capacitor	Additional part or changes required
514-0293-000	1	CVHP-650-55D-1996	CV3C-650G/55	None
514-0294-000	2	CVEP-1000-20D-1864	CV1C-1000K/20	None
514-0295-000	3	CVDP-2300-10D-1865	CV1C-2300J/10	None
512-0146-000	2	CKT-50-0035	MC2C-50KT-3005	None
512-0140-000	2	CKT-12-0035	MC2C-12KT-3505	None

