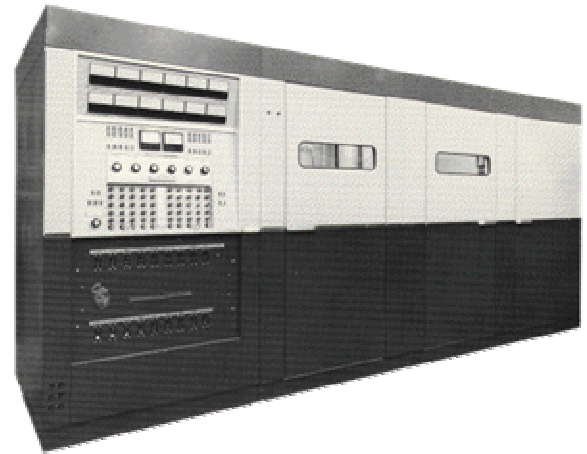


Continental Type 418F 100 kW Transmitter Capacitor Replacement Guide

The Type 418F 100 kW Transmitter is the direct descendent of a long and successful line of CEC 100 kW broadcast transmitters. The 418F employs the highly refined and reliable RF sections of its predecessors.



Introduction:

In an effort to improve reliability and dependability, Continental teamed with Comet to identify replacement capacitors for the Continental Type 418F Transmitters.

Scope:

Continental was interested in identifying the capacitors for new production and continued support of existing installations.

Application:

Continental has verified these replacement types and is currently using these capacitors in all new production.

Responsibilities:

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

Recommended Capacitors:

- MC05C-250E/1505
- CV1C-400EW/7.5
- CV3C-650E/55
- CV1C-2000G/15
- CV2C-1000E/30
- CV1C-2300EW/15

Similar Transmitters:

These capacitors are also applicable to Continental Type 418C and 418D transmitters. Please check with Comet or Continental if you have any questions.

Continental Type 418F Transmitter

anufacturer Description	Qty	Original Capacitor	Replacement Capacitor	Additional part or changes required
Driver Blocking (Coupling) - 919-5045-010	1	JSC-400-15S	MC05C-400E/1505	Two Comet 058-077 extension rods
Driver Anode - 922-8036-020	1	CVDD-400-7.5S	CV1C-400EW/7.5	One Comet 058-015 mounting flange
Plate Tuning - 922-8024-090	2	CVHP-650-55D1468	CV3C-650E/55	None
PA Loading - 144-0456	2	CVEP-2000-15D1516	CV1C-2000G/15	None
Harmonic Filter - 917-2003-020	3	CVFP-1000-30D1552	CV2C-1000E/30	None
Balun - 922-8030-060	2	CVDP-2300-15N849	CV1C-2300EW/15	None
Driver Blocking - 919-5045-020 (HF transmitter)	1	JSC-250-15S	MC05C-250E/1505	Two Comet 058-077 extension rods

