

BBC Model SK 53 250 KW Transmitter Capacitor Replacement Guide

The current BBC Brown Boveri 250 kW short-wave transmitter is available in four versions offering maximum adaptability to user requirements. Flexibility in service is further increased by options such as high-power SSB service, DCC (dynamic carrier control) operation, etc.



Introduction:

IBB Delano, California asked Comet to initiate a study to identify replacement capacitors for their four BBC Model SK 53 Transmitters.

Scope:

Comet capacitors were standard equipment in BBC Model SK53 transmitters. But in IBB's case, alternate capacitors were installed over time after the transmitter was installed on site.

Application:

IBB Delano has begun installing Comet capacitors, and BBC used similar capacitors in production of the transmitters, with excellent results.

Responsibilities:

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

Recommended Capacitors:

- CV2A-1000ESB/35
- CV2A-1500FSB/35
- CV3A-650ESB/55
- CF1C-2000F/15
- MC2C-75E/3005
- MC2C-150E/2505
- CF3C-450F/55
- CF3C-1000E/50
- CV1C-750EWB/15

Similar Transmitters:

This same transmitter is also known as ABB (Asea Brown Boveri), Thomcast and Thales transmitter. Please check with Comet if you have any questions.

BBC Model SK 53 Transmitter

HENS-419254/4-6	4	CAV2-1000-0135	CV2A-1000ESB/35	None
HEKT-445493	1	CAV2-1500-0130	CV2A-1500FSB/35	None
HENS-422166/7-9	3	CAV3-650-0155	CV3A-650ESB/55	None
	1	CFDM-2000-0015	CF1C-2000F/15	Capacitor is 3 mm longer, but no modification should be required.
	2	CFED-75-25D2371	MC2C-75E/3005	Two Comet 058-076 extension rods
	1	CFED-150-25D2372	MC2C-150E/2505	Two Comet 058-076 extension rods
ENS-419270	3	CFHM-450-0155	CF3C-450F/55	None
ENS-418972/1-3	1	CFHP-1000-0150	CF3C-1000E/50	None
HENS-433709	1	CVDM-750-15D2265	CV1C-750EWB/15	None

