

FiberSource QFX 150 Phase Compensation Capacitor Replacement Procedure

This document describes the procedure for replacing the phase compensation capacitor in the FiberSource QFX 150.

The replacement capacitor is P/N 04030093, “20 μ F MFR-25 w. Quick connect”.

Safety information

Warning! Disconnect the fixture from power and allow to cool before servicing. Service must be carried out by qualified professional technicians only.

Replacement procedure

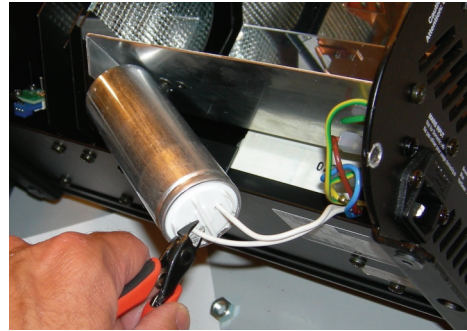
To replace the phase compensation capacitor:

1. Remove the lamp access cover.
2. To remove the old capacitor, remove the two screws that fasten the capacitor mounting bracket to the housing. Pull out the capacitor and bracket.



3. Remove the 13 mm capacitor retaining nut and lock washer.

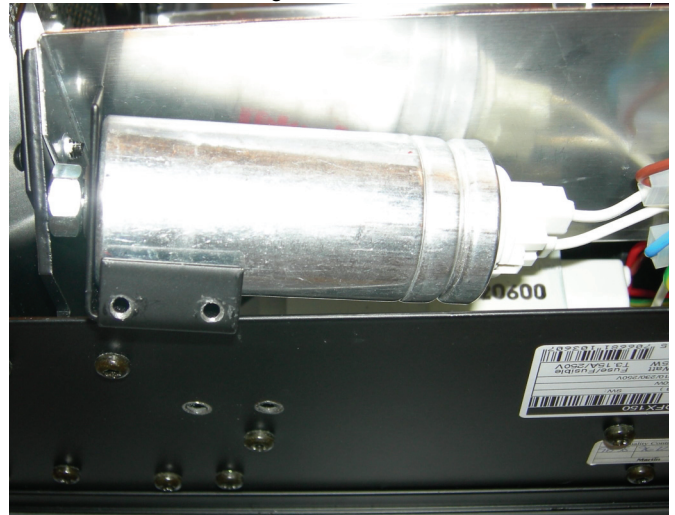
4. Lift the old capacitor away from the fixture and cut its two white leads **as close to the capacitor as possible, as illustrated below – do not shorten the leads**. Remove the old capacitor.



5. Remove about 5 mm (1/4 in.) of insulation. Twist the ends of the wires to make them stiff and press them into the quick connect terminals of the replacement capacitor. (The capacitor is not polarized.)

If the capacitor leads are not in perfect condition, prepare new leads with white 0.75 mm² (18 AWG) wire.

6. Fasten the new phase correction capacitor to the mounting bracket with the existing lock washer and nut.



7. Fasten the mounting bracket to the casing.
8. Check that all wires are in perfect condition, that connections are secure and that wires are secured clear of moving parts.
9. Replace the lamp access cover before applying power.

Martin[®]