

Description of the FMCs and Corresponding Hardware for the 2CBC2

version 0.00

Fionn Ball
f.ball@cern.ch

July 18, 2014

Contents

1	Introduction	1
2	Old 2CBC2 FMC	1
3	New 2CBC2 FMC	1

1 Introduction

This document will briefly describe the various iterations of the FMCs and firmware needed for the test stand. Both FMCs will work with the 2CBC2, however they require a different firmware and cable. The correct cable should have been provided with the FMC.

2 Old 2CBC2 FMC

Uses `firmware/OLD_glib_be.bit`. See Fig.1 and Fig.2.

3 New 2CBC2 FMC

Uses `firmware/NEW_glib_be.bit`. See Fig.3 and Fig.4.

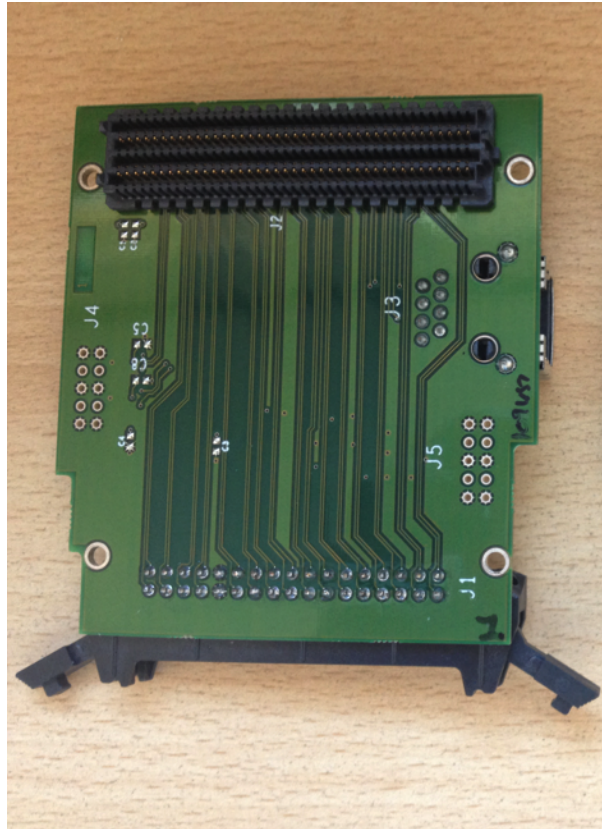


Figure 1: Old FMC. Notice connectors are on opposing sides.

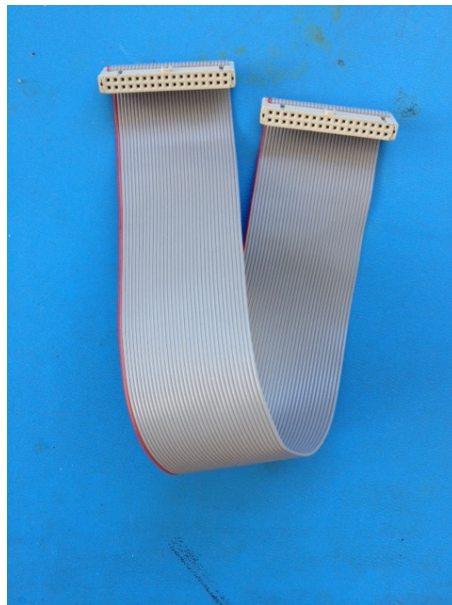


Figure 2: Old cable. Cable is as standard.

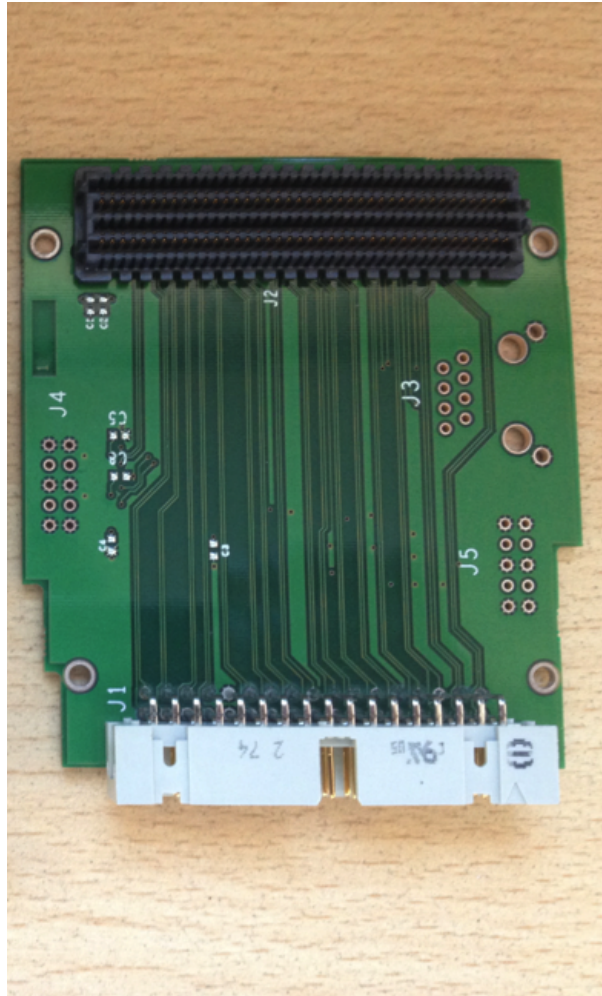


Figure 3: New FMC. Notice connectors are on same side.

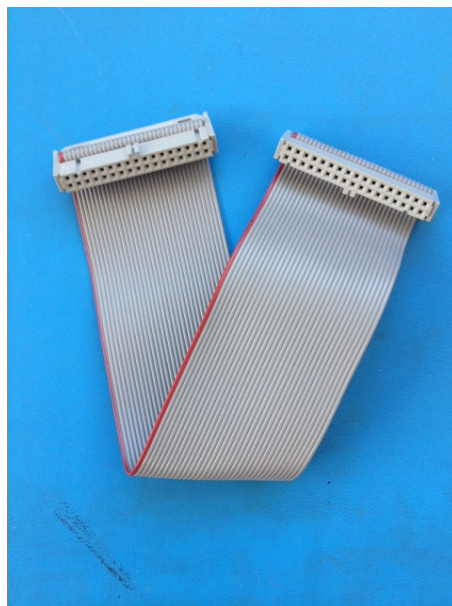


Figure 4: New cable. Notice end connectors are flipped.