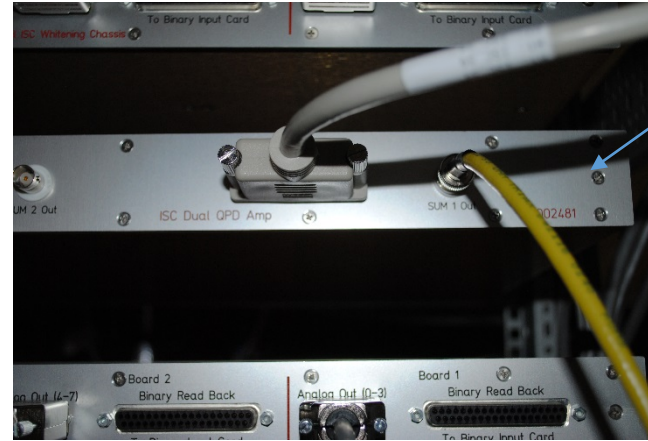


# Ham6 Shutter

QPD from Chamber  
Resistor change 12.4k

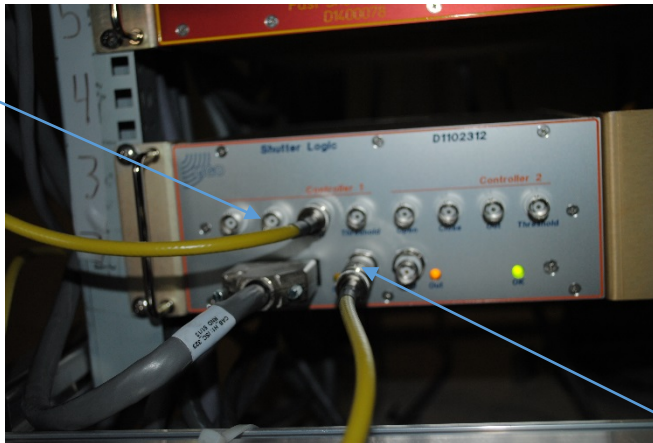


QPD Trans Imp. Amp.

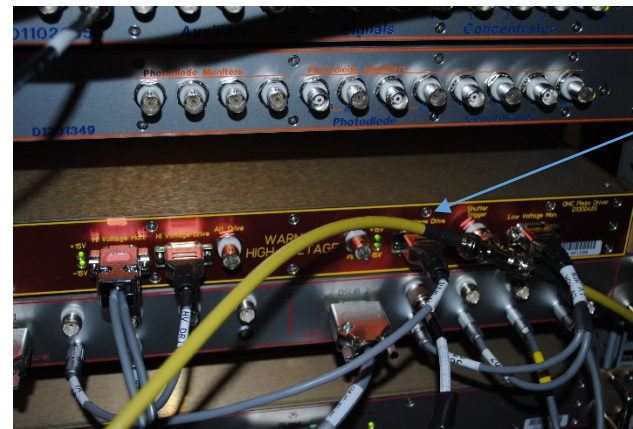


To QPD Sum to Shutter  
Logic Box

To OMC PZT  
Driver PD Out



Shutter Logic Box Moved  
from Table to Rack

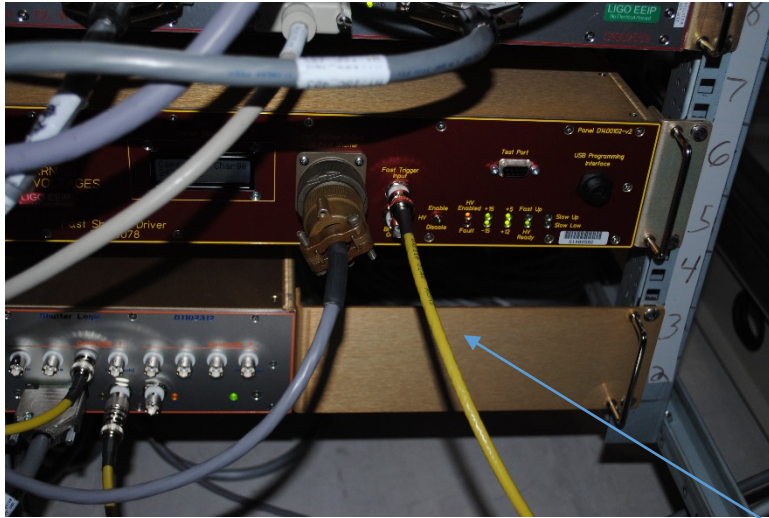


From  
Shutter  
Logic Box

From QPD  
Trans Box PD  
In.

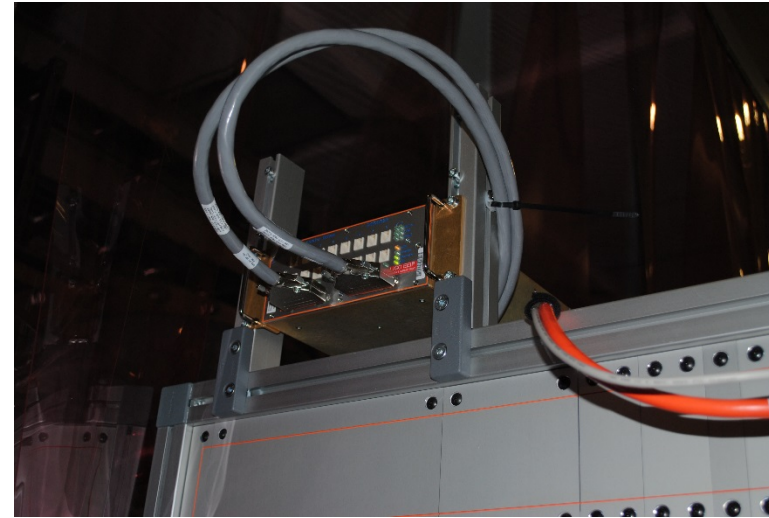
OMC Piezo Driver

Continue to Fast  
Shutter



Fast Shutter Controller

From T on  
OMCPiezo Driver



Shutter Logic Box Used to  
reside on Table. Moved to  
Rack to reduce need to make  
and remove connections.