

MEMORANDUM

DATE: October 10, 2012

TO: ISC team
 FROM: Daniel Sigg
 SUBJECT: RF Power Splitter for PSL VCO
 Refer to: LIGO-E1200894-v1

The PSL VCO requires 3 output signals to the PSL AOM, to the frequency doubler driving the ALS Fiber Distribution and to the timing comparator/frequency counter. Only two outputs are available. An RF power splitter is needed to split the second output between the frequency doubler and the timing comparator/frequency counter.

BOM (for 3 ifo):

Qty	Item	Distributor	Description
3	RFLT2W0002G (N female)	RF Lambda	5MHz-2000MHz 2-Way 50Ω Power Divider
3	PE9007	Pasternack	N Male to N Male Adapter
3	PE9086	Pasternack	N Male to N Female Right Angle Adapter

Mounting:

