

Beam splitters we have in SPI spare stock are 50/50 coated for only 45 deg AoI **p-pol**. That means we ***must*** have the fiber collimator oriented with the flat perpendicular to the optics table (as shown). Otherwise we send some non-p-pol into the beam splitter and we'll get a terrible result. (which means we can't rely on gravity as a "helper" to hold the eccentric key.) Maybe ask around for 50:50 splitters that have either s-pol (with FC flat parallel to the table), or a 50:50 p-independent.

