



**Assumptions (comments from March 18th meeting)**

1 TB/s from a die or module

distances of 10 cm to memory

50 cm to board edge connector

board edge connector goes to 100 m

therefore transceiver can drive 100 m whether or not it goes that far: this is only a power budget issue, driven by connectors not attenuating in glass. It may be attenuation limited in POF

must make wavelengths match the system (e.g. POF has different optimum spectrum from glass etc.