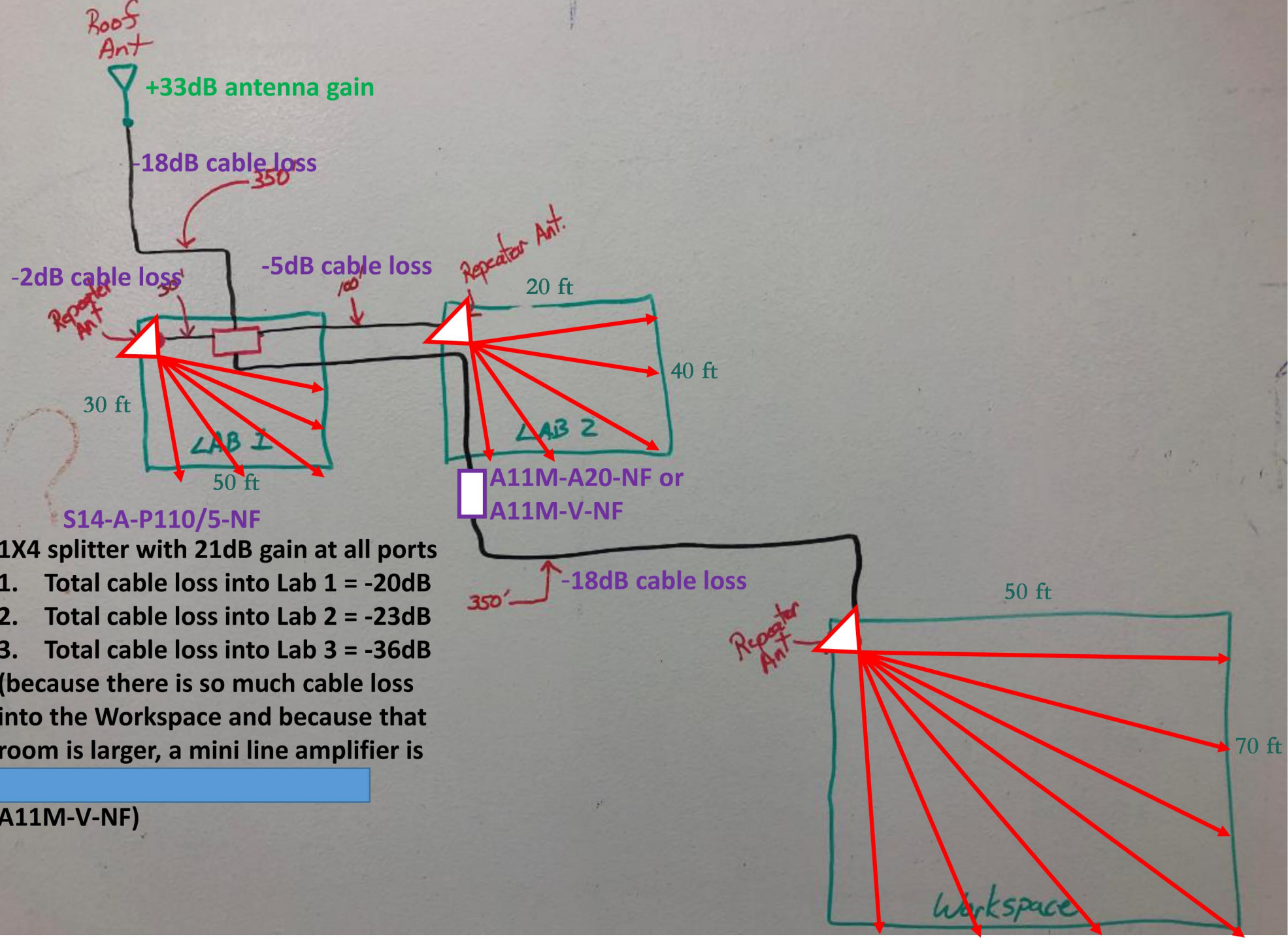




1X4 splitter with 21dB gain at all ports

1. Total cable loss into Lab 1 = -20dB
2. Total cable loss into Lab 2 = -23dB
3. Total cable loss into Lab 3 = -36dB

(because there is so much cable loss into the Workspace and because that room is larger, a mini line amplifier is

A11M-V-NF)