



# GEM inputs to MTF7

## Option 1, RPC @ 1.6 Gbps

Source	Fiber count	Line rate, Gbps
CSC	40	3.2
CSC neighbor sector	9	3.2
RPC	18	1.6
Total	67	
Remains for GEM	13 (Virtex-7) + 4 (Kintex)	Up to 10 Gbps

## Option 2, RPC @ 10 Gbps

Source	Fiber count	Line rate
CSC	40	3.2
CSC neighbor sector	9	3.2
RPC	3	10
Total	52	
Remains for GEM	28 (Virtex-7) + 4 (Kintex)	Up to 10 Gbps