

Experimental Test Fixture S-parameters 100 Gb/s Backplane Study Group

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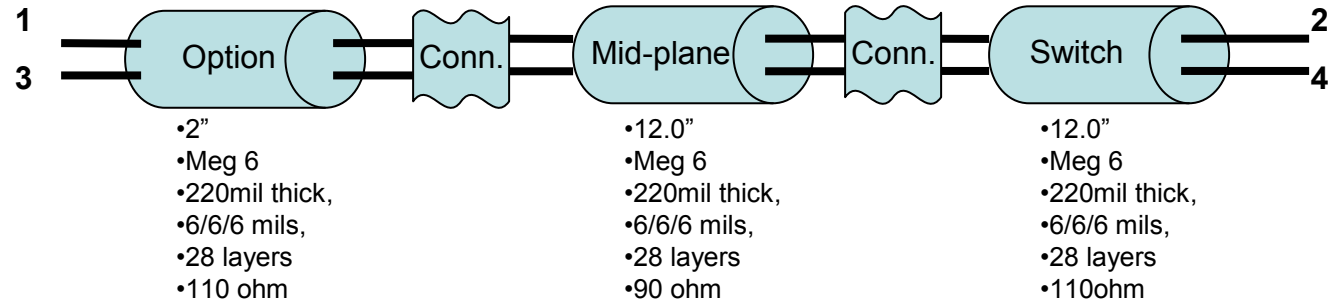
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Experimental Test Fixture Backplane Channels

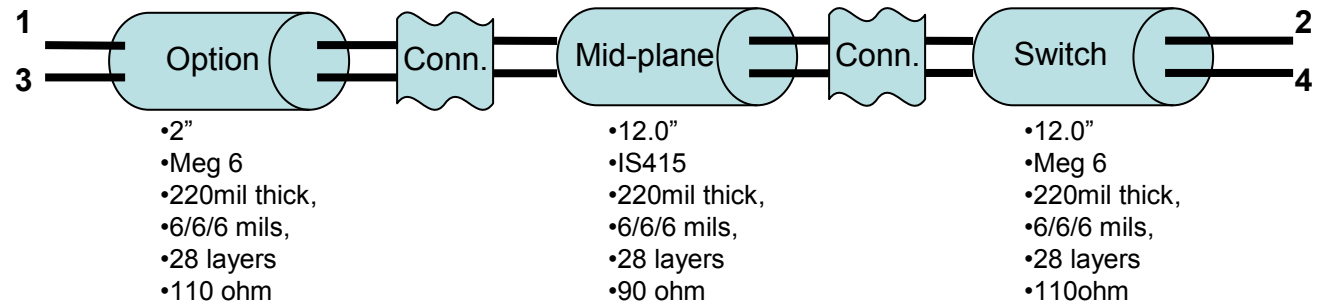
25dB Loss Channel

THRU.s4p
 FEXT1.s4p FEXT5.s4p
 FEXT2.s4p FEXT6.s4p
 FEXT3.s4p FEXT7.s4p
 FEXT4.s4p FEXT8.s4p



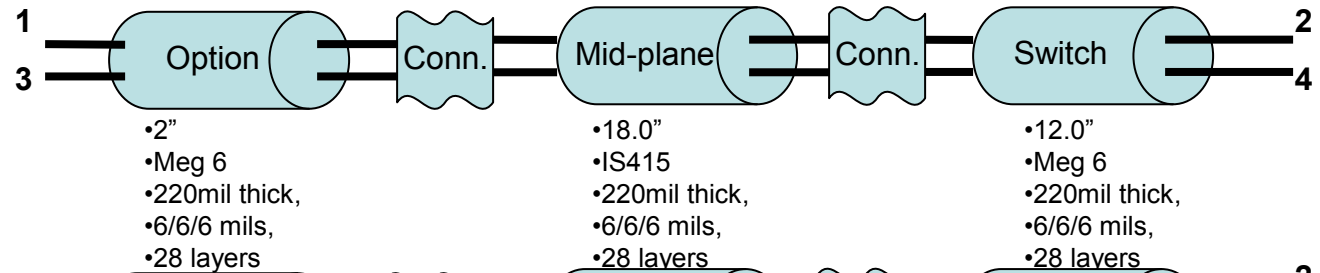
30dB Loss Channel

THRU.s4p
 FEXT1.s4p FEXT5.s4p
 FEXT2.s4p FEXT6.s4p
 FEXT3.s4p FEXT7.s4p
 FEXT4.s4p FEXT8.s4p



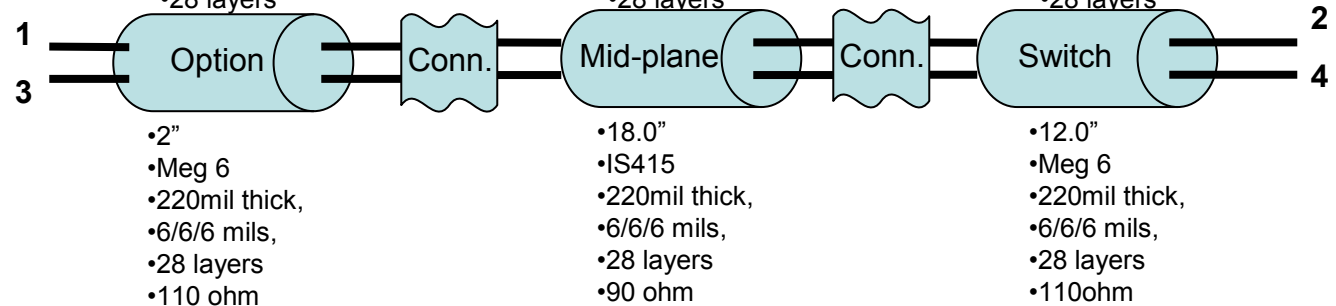
35dB Loss Channel

THRU.s4p
 FEXT1.s4p FEXT5.s4p
 FEXT2.s4p FEXT6.s4p
 FEXT3.s4p FEXT7.s4p
 FEXT4.s4p FEXT8.s4p



40dB Loss Channel

THRU.s4p
 FEXT1.s4p FEXT5.s4p
 FEXT2.s4p FEXT6.s4p
 FEXT3.s4p FEXT7.s4p
 FEXT4.s4p FEXT8.s4p



Typical Production Channel Build Construction: 10% impedance tolerance, Standard Copper Foil, Backdrill 10mil +/- 10mil