

SMF BTIs

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Big ticket items prior to Pittsburgh meeting

BTIs common to all proposals:

- Dispersion penalty worst case, TDP
- RX sensitivity / technical feasibility
- MPI
- More test results
- Evaluate Coupling between electrical and optical interfaces

BTIs for specific proposals

- 10 km, 2 km, 500 m 4 x 100 Gb/s DMT
 - Optical loss budget model
 - Interoperability
- 500m 4 x 50 GBd PAM4
 - Test results establishing acceptable BER curve

Big ticket items going forward

500 m objective

4 x 100G PAM4 PSM4 adopted as the modulation format

- Baseline parameters required

2 km objective

- 8 x 50G NRZ
 - Cost and size low enough to address this market?
- 8 x 50G PAM4
 - Cost and size low enough to address this market?
- 4 x 100G PAM4
 - Test results establishing acceptable BER curve
 - RX sensitivity / technical feasibility

Thanks!