

Towards a baseline proposal for 25 Gb/s over MMF

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Towards a baseline proposal for the 25 Gb/s over MMF

- **Single lane FEC**
 - As a starting point, assume the use of the FEC used for 100GBASE-SR4.
 - If the target pre-FEC BER is the same, 5×10^{-5} , then the same optical specs as 100GBASE-SR4 will provide a 100m reach.
- **Chip-to-module interface** (for AOCs and for pluggable optics)
 - Use 25 Gb/s lane specifications in clause 83E chip-to-module specs
- **Electrical connector**
 - Same as copper twin-ax cables port interfaces & form factors
 - SFP28, QSFP28, CFP4
- **Optical interface specs**
 - Use 100GBASE-SR4 optical lane specifications and measurement definitions.
- **Optical MDI**
 - Same as SFP+ and QSFP optical modules: LC and MPO optical connectors.