SNIA | SFF

SFP224 project start proposal

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Project Supporters

- Tom Palkert: Samtec
- Anil Mehta: Broadcom
- Dan Gorenc: TE
- Egide Murisa: Molex
- Vera Koleva: Coherent

Project Summary

- SFP224 project will define the mechanical specifications of a 200G SFP pluggable solution including cage, connector, and module.

Editorial staff

- Tom Palkert to act as lead editor
  - Need volunteers for specific mechanical sections

Project Overview

- Define improved mechanical specifications for 200G SFP pluggable solutions
  - Options may include:
    - Improved latching mechanism
    - Smaller module pad sizes
    - Tighter module PCB tolerances
    - Other changes to improve SI performance
    - Improved Thermals?
  - Interoperability with SFP112?

Discussion points

- This project assumes updates to SFF-TA-1031 for SFP224.
  - It would leverage much of the work done for SFP2
  - It would follow similar formatting of SFF-TA-1027 for the additional sections
  - No signal definitions in this document
    - Intent is to reference:
      - SFF-8419 (Updated version for SFP112 and beyond still to be published) for low speed, electrical
      - CMIS for management

Projected Timeline

- Initial draft: Oct 2025
- 1st Review: Dec 2025
- Final spec: March 2026
- (Projected Timeline matches IEEE and Fibre Channel requirements)

Thank you

