

# Pluggable Small Form Factor Optical Transceiver MSA

## Operating Guidelines

1. Each Participating Company must commit the resources necessary, on a best efforts basis, to reach closure on a Final MSA for Pluggable Small Form Factor (SFF) Optical Transceiver targeted at, but not limited to: IEEE Ethernet, ANSI FDDI, ANSI FC, ATM Forum, ANSI SONET and ITU-T STM applications. **Each Participating Company must also commit to supply SFF Pluggable Optical Transceiver products to the marketplace.**
2. Each Participating Company must identify the person(s) in their organization that have the authority/responsibility to sign the final MSA. At least one such person, or delegate with full authority to represent the Company must participate in each meeting and will have the single vote for that Company. If a Company fails to show up twice in succession at the MSA meetings they will be removed from the MSA membership.
3. Each Participating Company must agree to participate in the process of defining a mutually agreeable Pluggable SFF Optical Transceiver with the minimum set of the following attributes defined.
  - Maximum Package Outline Dimensions
  - Rail System Design Detail
  - Critical Module Rail Interface Detail
  - Bezel Panel Cut Out
  - Recommended EMI/RFI guideline.
  - Pin Out Definition and location within the Rail System Footprint.
  - Customer Printed Circuit Board Layout with GD&T specs.
  - Application specific termination recommendations.
4. If a non-represented Company asks to join the MSA, they may join the discussions if they are willing to agree to the operating guidelines and do not revisit work already established unless the group agrees to look at new information (no clock roll back).
5. When all action items are completed the MSA is considered complete.
6. Discussion will be strictly limited to open action items.
7. Any new action item will require the support of a minimum of 75% of the group.
8. Any design change will require the support of a minimum of 75% of the group.
9. One week will be allowed for comment to proposed changes. No response will be interpreted as agreement to the proposed change. Reasonable requests for extensions to the comment period will be considered.
10. Any Participating Company must share the costs of development hardware on a fair and equal basis. Any member not willing to share costs will be asked to leave the group.
11. Each meeting will have a moderator assigned and minutes recorded.
12. Information between members of the group will be shared and archived using the designated web-site.
13. Each Participating Company representatives will treat the Participants and the Substance of the MSA Discussions as confidential until such time as it is agreed by the participants to make a simultaneous Public Announcement. If the participant group agrees to discuss specific MSA options with the market before making a decision, then this may be done. It is OK to tell the market that discussions to achieve an MSA are underway but without mentioning number or names of participants, or possible outcomes of the discussions.
14. It is understood by each Participating Company that if an MSA is reached, each Company will participate in a public announcement of the contents of the MSA and their intentions to build compatible Pluggable SFF Optical Transceivers. The timing of this announcement will be mutually agreed to by all the Participating Companies and will be as soon after the MSA is signed taking into account normal Press lead times.
15. Participating Companies that fail to meet these conditions will be asked to leave the meetings.