

MMF XR Ad Hoc: Baseline Cost

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Premise

- Our current objective of “at least 100 meters on OM3 MMF” should remain as a primary goal, the baseline
- Support for any form of extended reach should be considered only if it does not compromise this primary goal
- A single PMD for all reach objectives is indeed a good starting premise; however, it should not be paramount
- Under this premise, certain factors, enhancements, or approaches are acceptable and not acceptable for obtaining extended reach

Not Acceptable

- Cost increase for the baseline PMD (optic) in order to obtain greater than 100-meter reach
- EDC on the system/host board in any case
- CDR on the system/host board as part of the baseline solution
- EDC in the baseline PMD (optic)
- CDR in the baseline PMD (optic)

Acceptable

- Use of OM4 fiber
- Process maturity that yields longer reach with no cost increase

Summary

- We should not burden the baseline solution with cost increases to meet the needs of an extended-reach solution