

Objectives

- Support subscriber access networks using point to multipoint topologies on optical fiber
(Passed by voice vote without opposition)
 - PHY(s) to have a BER better than or equal to 10^{-12} at the PHY service interface
(Passed by voice vote without opposition)
 - Provide physical layer specifications:
 - PHY for PON, 10 Gbps downstream/1 Gbps upstream, single SM fiber
 - PHY for PON, 10 Gbps downstream/10 Gbps upstream, single SM fiber
(Y:34, N:0, A:2)
 - Define up to 3 optical power budgets that support split ratios of 1:16 and 1:32, and distances of at least 10 and at least 20 km.
(Y:51, N:0, A:10)
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