EFM Copper

Objectives

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Cu Objectives

Rate / Reach Objectives

PHY for single pair non-loaded voice grade copper distance >=750m and speed >=10Mbps full-duplex PHY for single pair non-loaded voice grade copper distance >=2700m and speed >=2Mbps full-duplex

PMI Aggregation

Include an optional specification for combined operation on multiple copper pairs

The Other Objective

Spectral Compatibility

The point-to-point copper PHY shall recognize spectrum management restrictions imposed by operation in public access networks, including:

- o Recommendations from NRIC-V (USA)
- o ANSI T1.417-2001 (for frequencies up to 1.1MHz)
- o Frequency plans approved by ITU-T SG15/Q4,

T1E1.4 and ETSI/TM6