

Two rectangular images of fiber optic bundles. The top one shows blue light rays emanating from a bundle, and the bottom one shows red light rays. They are positioned on the left side of the slide, partially overlapping the red and blue background sections.

EFMcu Phy's

IEEE802.3ah EFM
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802.3 Phy Naming convention

<Speed Mbps><Band><Media Type>

Name	Media	Segment length (m)
1Base5	UTP CAT3/4/5 (22-26 gauge), 2 pairs	250
10Base2	Coax (thin RG58)	185
10Base5	Coax (thick)	500
10BaseT	UTP CAT3/4/5, 2 pairs	100
10BaseFL	Fiber	2000
10Broad36	CATV Coax	1800
100BaseTX	UTP CAT5 or STP T1, 2 pairs	100
100BaseT2	UTP CAT3/4/5, 2 pairs	100
100BaseT4	UTP CAT3/4/5, 4 pairs	100

EFMcu Phy Names

Name	Media	Segment length (m)
10PassT1	UTP CAT3, 1 pair (VDSL short reach)	750
2BaseTL1	UTP CAT3, 1 pair (G.SHDSL long reach)	2700
2PassTL1	UTP CAT3, 1 pair (ADL long reach)	2700
10BaseTL4	UTP CAT3, 4 pairs (G.SHDSL long reach)	2700
20BaseTL8	UTP CAT3, 8 pairs (G.SHDSL long reach)	2700
30BaseTL12	UTP CAT3, 12 pairs (G.SHDSL long reach)	2700
40BaseTL16	UTP CAT3, 16 pairs (G.SHDSL long reach)	2700
50PassT4	UTP CAT3, 4 pairs (short reach)	750
100PassT8	UTP CAT3, 8 pairs (short reach)	750
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Building a System

