

EFM_PHY_Channel and Noise Models_rev-0.1

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Editor 802.3ah copper-track**

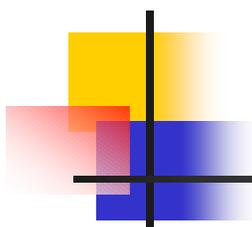
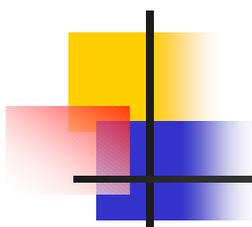


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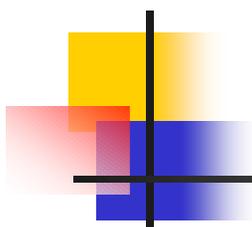
EFM_PHY_Channel and Noise Models

- 750 meter Copper Channel Models
- Noise Models for 750 meter Channel
- Bundle Environment and installation scenarios



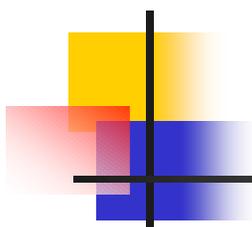
Channel Model

- Out side loop plant and In-building wiring characteristics
 - 750 meter Copper Channel Models
 - Simple 750 m channel response model
 - Complex channels models with Bridge-Taps
 - Multi-channel environment



Bundle Environment and installation scenarios

- Fiber to the cabinet scenario
 - Service mix
 - Copper quality
 - Aerial drop
 - Multi-channel aspects
- Fiber to the Building
 - Service mix
 - Copper quality
 - Multi-channel aspects
 - New disturber category



Noise and Disturber Models

- ANSI and ESTI and other models
 - NEXT models
 - FEXT model and distribution
 - Burst noise
 - Narrowband interferer
 - Composite noise models
- New models based on installation criteria
 - 750 meter Copper Channel noise and disturber characteristics
 - Multi-channel environment