

→ in für electric optic

→ wireless

- WiFi
- Bluetooth
- Infrared

# Ethernet

8 five

$$CAT \times$$


rufo (conector)  $\rightarrow$  acelas;

CAT se  $\rightarrow$  1 GL/s

CAT 6  $\rightarrow$   $\Rightarrow$  + ref. meccanica

CAT 6a  $\rightarrow$  10 Gbps + PoE line (reduce interference)

# Cross-Talk

CAT 7  $\rightarrow$  + + aluminium + plastic  
10 Gb/s (CAT 6, 10)

$$(AT_8 \rightarrow 2TGb, \downarrow)$$

$$R = \left( \frac{p}{A} \right) \frac{p}{A} \rightarrow \infty \rightarrow \lambda \rightarrow \infty$$

Optic

- mufa nestandardizată
- distanță mare ( sute de km)
- viteză mare ( Tb / s )