

Optical Power Budget Calculation

The following loss are taken into consideration for calculation:

- a. Equipment Margin : 2 dB
- b. Connector Loss : 2 dB
- c. Cable Margin : 0.1 dB per Km
- d. System Operational Margin: 0.03 dB per Km
- e. Splice Loss : 0.2 dB per Km

The Receiver Sensitivity of Short Haul Equipment is –28 dBm

The Transmitter Sensitivity of Long Haul Equipment is -34 dBm