

# The ATM Forum Specified 50m Physical interfaces

- **AF-RBB-0099.000**

## 4.1 Infrastructure

This specification includes a home infrastructure reference model, which is described below. This is based on two guiding principles:

1. the required reach is **50 meters** rather than the 100 meters used in the commercial building wiring environment, due to the smaller area of the home. There is an advantage in using a shorter reach from the transmission point of view for both copper and plastic fiber (POF) based systems .....

- **AF-RBB-PHY-0101.000**

One of the largest house developers in Japan installed POF cables

in their most luxury model with 3 floors.

**Maximum** cable length was **28 m**.



- Total length : 140m
- Maximum length : 28m (Closet - 3F Bedroom)

