

Low-cost network construction (Power Line)

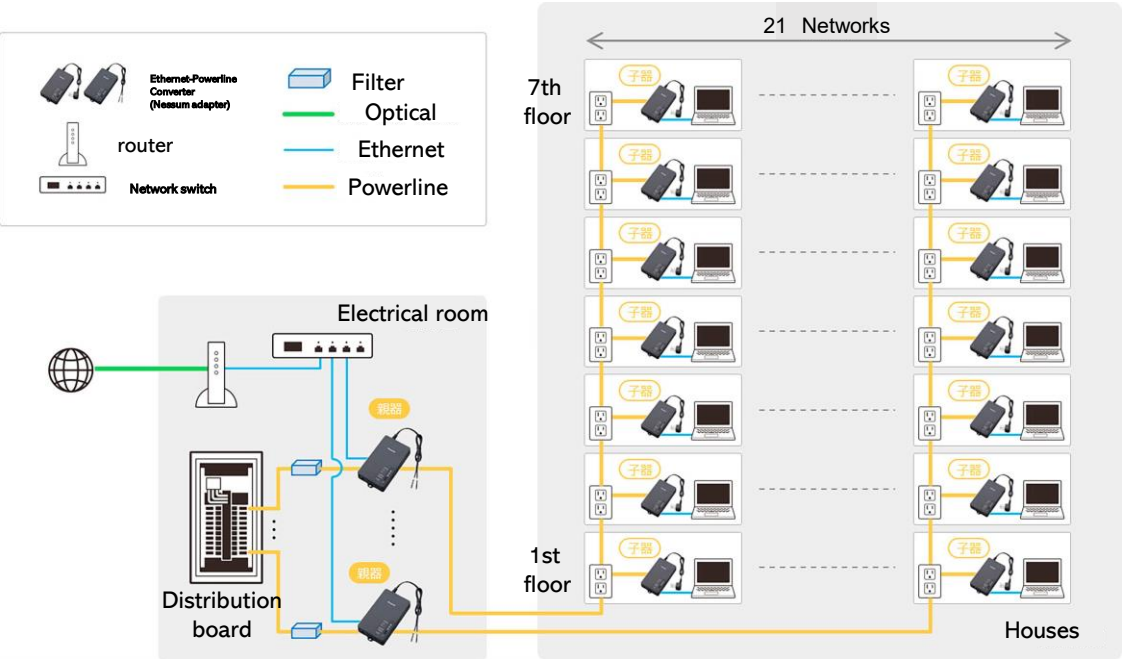


student accommodation
in Japan

[International residence Higashiyama](#) - Google Maps

<Background>

Customer Request	In COVID19 situation, they would like to introduce an Internet connection to each house as soon as possible for remote classes.
Building	7 floors 137 houses



Nessum divides comm. speed based on the number of connected devices. For 137 houses, it's 146kbps per house. This is insufficient for remote classes, so filters are added to split each system, achieving 2.8Mbps per house. If high speed is not needed, filter costs can be reduced.

**Total cost was reduced by 60% compared to Ethernet**

	All Ethernet	Nessum WIRE
Total cost	96,300 USD	38,500 USD
Const. period	20 days	3 days
Details	-	- Nessum Adapter: \$25,600(\$161 x 159 unit) - Other devices : \$4,400* - Installation : \$8,500