

# Installing Internet at home: Optical cable or copper cable?

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**Nearly a year ago, in major cities, Internet service providers are making major changes in infrastructure when inviting customers to upgrade to their new services. Should customers do that?**

## Fiber optic Internet (FTTH) to the throne

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During signal transmission, the light signal will be less attenuated, so your transmission will be stable. You will not be affected by weather or electromagnetic impulses. In addition, thanks to the high speed available, operators can provide more convenient services such as television and fixed-line phones. You can independently use these services without affecting other family members who are using the remaining services.

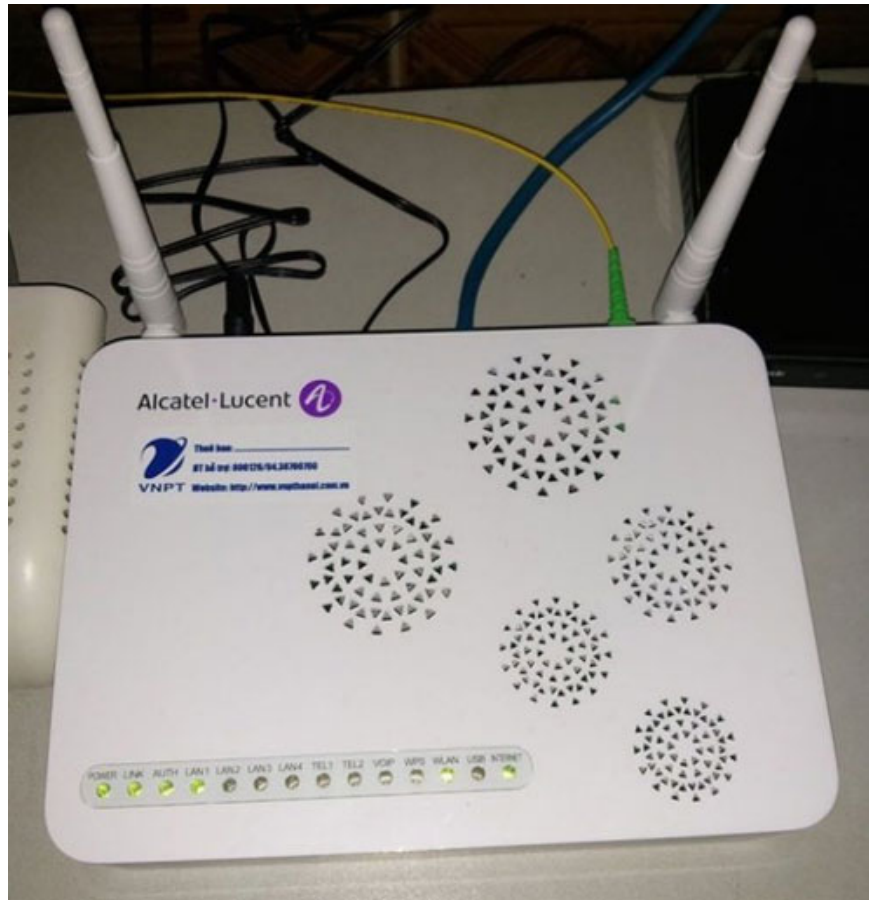
With such advantages, optical cable is an attractive and convenient choice if you have just moved and need to install Internet.

But if you already have the Internet already and just read newspapers, go to Facebook and watch YouTube, is it necessary to switch to optical cable?

First of all we look at the other side of the fiber cable: Deployment time and system installation is long.

First you have to cut the current line and install a new line.

For fiber optic cable, the time is quite long due to the optical connection, the employees have to perform optical welding with separate equipment and the configuration of the modem is quite complicated ( *that's why when you report a system failure* ). *Fiber, the operators often ask you not to set up the modem setup part .*



*Optical cord is not as mobile as copper wire.*

For convenience, many families often bend copper wires to make them compact. However, when you do this with fiber optic cable, the wire will break at the breaking point and want to reconnect, there must be a specialized tool and the simplest way is to call the vendor's technique.

Currently with Internet providers in Vietnam, fiber cable rates have reached almost the same level as copper cables. The installation is also relatively fast. When customers pay in advance from 6 to 12 months, there are promotional offers or if FPT has a policy of replacing copper cable to optical cable for customers using the service.

	TÊN GÓI	TỐC ĐỘ	TRỌN GÓI MỖI THÁNG	TRỌN GÓI 6 THÁNG	TRỌN GÓI 12 THÁNG	TRỌN GÓI 18 THÁNG	ƯU ĐÃI KHÁC
VNPT	F2F	12Mbps	350.000đ	270.000đ	220.000đ	200.000đ	
	F2E	10Mbps	Không áp dụng, trọn gói. Khách hàng đóng từ 200.000đ đến 300.000 đồng tùy dung lượng				
FPT	Fiber Me	10Mbps	270.000đ	Giảm 50% phí hoà mạng	Mễn phí hoà mạng và tặng 1 tháng thuê bao	-	
	Fiber Home	15Mbps	300.000đ			-	
	Fiber Family	20Mbps	360.000đ			-	
Viettel	FTTH Eco	12Mbps (cam kết tốc độ quốc tế tối thiểu 256kbps)	350.000đ	300.000đ			Tặng từ 1 đến 5 tháng thuê bao tùy thời gian thanh toán trước.
	FTTB Eco	12Mbps (cam kết tốc độ quốc tế tối thiểu 128kbps)	350.000đ	275.000đ	-	-	
	FTTH TV	25Mbps (kết hợp dv truyền hình số kèm theo)	300.000đ	-	-	-	

*A price comparison table of fiber optic internet providers. Prices refer to the supplier / consultant homepage of the service.*

So switching to fiber optic cable for households is not a waste but also brings more efficiency with a cost not too much difference.

However, the quality of fiber optic Internet is practically as advertised or not is still an open question that many users care about.

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