



FTTH OFFERINGS

FIBER  
TO THE  
HOME

BE WITH THE FAST CHANGING  
IT NETWORKING TRENDS

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UPGRADE TO DIGISOL'S  
FTTH SOLUTIONS!

**FASTER**  
**RELIABLE**  
**SECURED**

# WHY FIBER OVER COPPER?



Increased Bandwidth



Larger Distance without degrading the signal!



Sturdier than Copper cable, meaning it is far less likely to be damaged during routine operations in close proximity



Reliability assured with Fiber robustness for Temperature fluctuations, severe weather conditions and moisture as compared to Copper



Upload/Download Speed of Fiber will leave the concept of “Waiting for things to load” in the past !



Unlike copper cable where data intercepting is easily possible, it's impossible with Fiber. So Security is assured!

# ALL SERVICES CAN BE CONVERTED TO FTTH

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ALL SERVICES CAN MOVE INTO THE FTTH ENVIRONMENT



Data



IP Surveillance



Wireless



Biometric Systems  
(BMS)



Video



Video Door Phone  
(VDP)



Automated  
Services



Voice

## REPLACE YOUR LAST MILE TO FIBER

*All services can be commissioned on wireless*

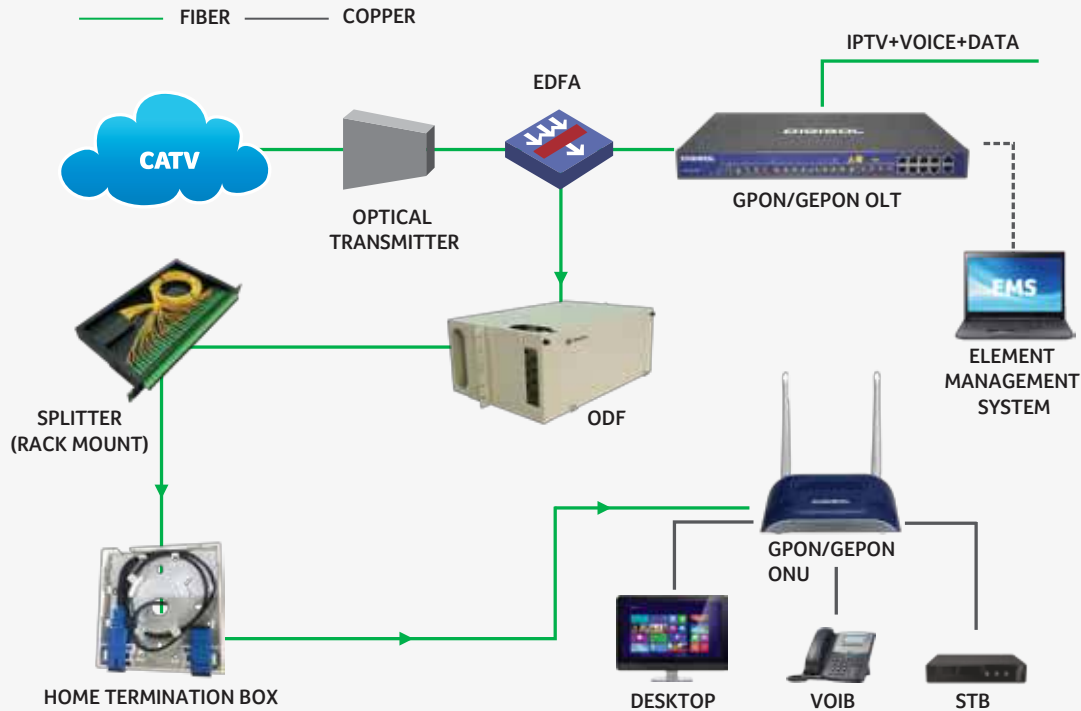
*Except in-house services (apps) which require copper cables like your CATV etc.*

# BROADBAND TYPE / COMPARISON

## THE LAST MILE SOLUTIONS

TYPE	PON	VDSL2	ADSL2+
Media	Optical	Copper (Phone wire)	Copper (Phone wire)
Max.Upstream	1.25Gbps	100Mbps	3.5Mbps
Max.Downstream	1.25Gbps / 2.5Gbps	100Mbps	24Mbps
Max.Distance	20km	1.8km	5.6km

# FTTH & FIBER SOLUTION FOR HOME & SOHO USERS



# DIGISOL FTTH OFFERINGS



ACTIVE FTTH  
PRODUCTS

PASSIVE (SCS)  
FTTH PRODUCTS



# ACTIVE FTTH PORTFOLIO

## GEPON TECHNOLOGY

### OLT



#### DG-G04204-8E

GEPON OLT with 4 PON SFP Ports,  
4 Giga Ethernet Ports and  
4 Giga SFP/ SFP+ Ports



#### DG-G04208-12E4SFPP

GEPON OLT with 8 PON SFP Ports,  
8 Giga Ethernet Ports and 4 Giga SFP Ports  
and 4 Giga SFP+ Ports

### ONU



#### DG-GR1010

GEPON ONU Router with 1 PON  
and 1 Giga Port



#### DG-GR1310

GEPON ONU 300Mbps Wi-Fi Router  
with 1 PON and 1 Giga Port



## GPON TECHNOLOGY

### OLT/ONU



#### DG-GR4010

GPON ONU Router with 1 PON  
and 1 Giga Port



#### DG-GO4308-14E2SFPP

GPON OLT with 8 PON SFP Ports,  
8 Giga Ethernet Ports and 6 Giga SFP  
Ports and 2 Giga SFP+ Ports

## GEPON/GPON TECHNOLOGY

### ONU



**2 in 1**

#### DG-GR1321

GEPON/GPON ONU 300Mbps  
Wi-Fi Router with 1 PON, 1 GE and  
1 FE Port, 1 FXS Port



**2 in 1**

#### DG-GR4342L

GEPON/GPON ONU 300Mbps  
Wi-Fi Router with 1 PON, 1 GE and  
3 FE Port, 2 FXS Port

# PASSIVE FTTH PORTFOLIO



ODFs



Box Type Splitter



Tube Type Splitter



Rack Type Splitter



**FDBs**



**Field Assembly  
Connectors**



**Drop Cable**



**Home Termination  
Boxes**



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