syRotech®
NETWORKS

India's Leading Manufacturer for
Optical Transceivers and FTTx

Product
Catalogue

MAKE IN INDIA

ABOUT US

Syrotech Networks is a leading technological brand established by GOIP Global Services Pvt. Ltd. With over 28 years of experience, we have specialized in design, development, and manufacturing of FTTx, Datacom, Networking, and Security products.
Our goal is to carve India's name globally in the Fiber & Security industry with high-quality and reliable yet affordable products.

The Make in India initiative was devised to transform India into a global design and manufacturing hub. Our brand truly stands behind this initiative with capital investments made in R&D and manufacturing unit in Greater Noida, which is supported by 200+ highly skilled R&D and production team members.

Our product ranges from OLT & EDFA deployed at ISP/MSO NOC to a wide range of client-end deployed ONT providing Data (Wi-Fi), Voice and Video Services.
In addition, we cover complete products for transport layers in FTTx sector including Media Converters, Fiber Cables, LIU, Splitter, Splitter Box, Attenuators and Adaptors.

We are the 1st Indian manufacturer of optical transceivers, who researches, designs, manufactures and markets optical transceivers for various applications & data rate.
In accordance with IEEE and MSA protocol, the transceivers use the form factor of SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP-DD, DAC & AOC, Optical Patch chords etc.

In Security & Surveillance sector we have introduced Smart IP CCTV Cameras, Biometric Access Control and Entrance Automation products. Millions of Syrotech devices are installed and deployed by the leading telecoms and internet service providers.

Our products are ISO 9001:2015 and 14001:2015 certified and meet all industry MSA standards, BIS, FCC, CE, WEE and ROHS standards.

We believe in manufacturing highest quality, reliable & robust products for our customers. Our vision of producing world-class experiences in India will strengthen and support our community and thus, transform our lives.

> " To steer the country onto the path of rapid development and growth and to make India self-reliant, five things are of high importantance - intent, inclusion, investment, infrastructure and innovation. "
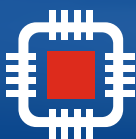
MAKE IN INDIA

MISSION

Our mission is to serve our customers with the highest level of customer satisfaction, providing price competitive products developed and delivered on time by our innovative, talented, dedicated and empowered workforce.

MAKE IN INDIA

Introducing Next-Gen
WiFi6

SY-GPON-4010-WAXDONT
WiFi6 HGU XPON ONT

syRotech®

WiFi   PHONE   WAN PON/LOS   USB

RTL Chipset

Next-Gen Gigabit WiFi6
2.4GHz & 5GHz Dual
Band Speed up to 1.8

TCP/IP

IPv4/IPv6
Dual Stack

*4GE+ 1POT

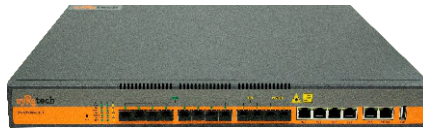**USB3.0 Interface**
For Shared
Storage/Printe

GPON – OLTs & ONTs

GPON-OLTs

SY-GPON-16OLT
16 PORT GPON OLT

SY-GPON-8OLT
8 PORT GPON OLT

SY-GPON-4OLT
4 PORT GPON OLT

TRIPPLE PLAY

SY-GPON-2011-WADONT
2GE+1POT+CATV+WIFI (AC)

SY-GPON-1111-WDONT
1GE+1FE+1POT+CATV+WIFI

SY-GPON-1001-DONT
1GE+CATV

DATA+VOICE

SY-GPON-4010-WADONT
4GE+1POT+WIFI (AC)

SY-GPON-2010-WADONT
2GE+1POT+WIFI (AC)

SY-GPON-1110-WDONT
1GE+1FE+1POT+WIFI

SY-GPON-4020-WDONT
1GE+3FE+2POT+WIFI
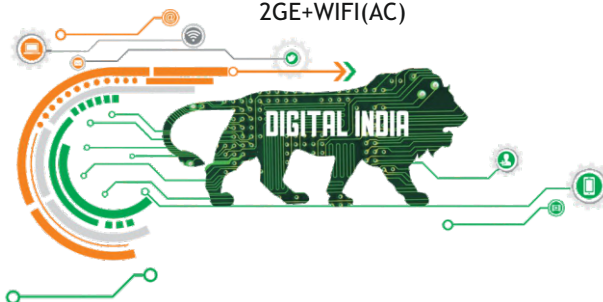
DATA

SY-GPON-4000-WADONT
4GE+WIFI(AC)

SY-GPON-2000-WADONT
2GE+WIFI(AC)

SY-1000-2WDONT
1GE+WIFI

SY-GPON-4000-DONT
4GE PORT

SY-GPON-1000R-DONT
1GE PORT

DIGITAL INDIA

* All GPON ONTs are by default XPON. These can be used in GPON as well as GEPON

5

GEPON – OLTs, ONUs & SFPs

GEPON-OLTs

SY-GOPON-16OLT-L3
16 PORT EPON OLT

SY-GOPON-8OLT-L3
8 PORT EPON OLT

SY-GOPON-4OLT-L3
4 PORT EPON OLT

ONUs

SY-GOPON-1000-2WONU
1GE + WIFI EPON ONU

SY-GOPON-1000-ONU
1GE EPON ONU

SY-GOPON-0400-RONU
4FE Reverse POE ONU

GEPON SFPs

GOXS-BI4312-20PON++
5db EPON SFP

GOXS-BI4312-20PON+++
7db EPON SFP

GPON SFPs

GOXS-BI4312-20PONC++
GPON SFP, C++, 1490/1310, 20KM

GOXS-BI4312-20PONC+++
GPON SFP, C+++, 1490/1310, 20KM

> " India has seen dream of Digital India from latest science to latest technology, everything should be available at the tip of one's finger. "
>
> - Narendra Modi

POE SWITCHES

UNMANAGED POE SWITCHES

SY-0400P-2T-65W
4*10/100Mbps POE Port
+2*10/100Mbps Uplink Port,
IEEE802.3af/at, 65W POE Power,
Extend 250 Meters

SY-0800P-2T-96W
8*10/100Mbps POE Port
+2*10/100Mbps Uplink Port,
af/at 96W POE Power,
Extend 250 Meters

SY-0800P-2T-2S-120W
8*10/100Mbps POE Switch
+2*10/100/1000Mbps & 2G SFP Uplink
Support af/at Standard,
120W Extend 250 Meters

SY-4000P-2S-65W
4*10/100/1000 port POE switch
+ 2*GE SFP Uplink Port,
IEEE802.3af/at Standard,
65W POE Power, Extend 250 Meters

SY-4000P-2T-96W
4*10/100/1000Mbps POE Port
+2*10/100/1000Mbps Uplink Port,
af/at, 96W POE Power,
Extend 250 Meters

SY-8000P-2T-150W
8*10/100/1000Mbps POE Port
+ 2*10/100/1000 Uplink Port,
af/at, 150W POE Power,
Extend 250 Meters

SY-1600P-2T-1S-300W
16*10/100/1000 port POE switch
+2*10/100/1000 & 1GE SFP
Uplink Port, IEEE802.3af/at
Standard, 200W POE Power,
Extend 250 Meters

SY-2400P-2T-1S-300W
24*10/100/1000 port POE switch
+2*10/100/1000 & 1GE SFP
Uplink Port, IEEE802.3af/at
Standard, 300W POE Power,
Extend 250 Meters

SY-0800P-2G-120W
8*10/100Mbps POE Switch
+2*GE Uplink
Support af/at Standard,
120W Extend 250 Meters

SY-01600P-2T-2S-300W
16*10/100/1000 port POE switch
+2*10/100/1000 & 2GE SFP
Uplink Port, IEEE802.3af/at
Standard, 300W POE Power,
Extend 250 Meters

L2 MANAGED POE SWITCHES

SY-8000P-2S-120W-L2
8*10/100/1000 POE port
+2*GE SFP Port, 1 console port,
IEEE802.3af/at,
120W POE Power

SY-8000P-2S-150W-L2
8*10/100/1000 POE port
+2*GE SFP Port, 1 console port,
IEEE802.3af/at,
150W POE Power

SY-2400P-4S-400W-L2
24*10/100/1000 POE Port
+4*GE SFP Port, 1 console port,
IEEE802.3af/at,
400W POE Power

L2 MANAGED SWITCHES

SY-2400S-4X-DP
24x1000M SFP Fiber Interfaces and
4x10G SFP+ interfaces
Dual AC power (without SFP's)

SY-2400-4X-L2
24x100/1000M electrical Interfaces and
4x10G SFP+ interfaces single
AC power (withouts SFP's)

SY-8000-4X-L2
8x100/1000M electrical
Interfaces and 4x10G
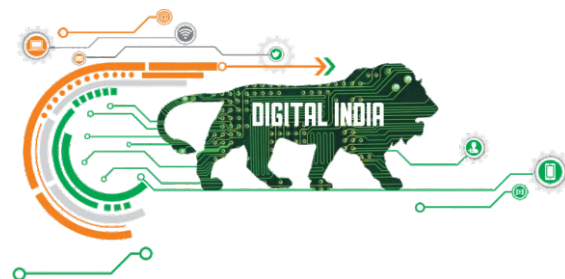SFP+ interfaces

INDUSTRIAL POE SWITCHES

SY-4000P-2S-IND
POE 4 Port Industrial Switch, 4*10/100/1000Mbps POE Port
+2*GE SFP uplink Port, IEEE802.3af/at, L2 Managed

SY-8000P-4S-IND
POE 8 Port Industrial Switch, 8*10/100/1000Mbps POE Port
+2*GE SFP uplink Port, IEEE802.3af/at, L2 Managed

OPTICAL TRANSCEIVERS

QSFP28 100G

GOXQ28-85100G-SR4
100G, QSFP28, 850nm, 150Mtr

GOXQ28-13100G-LR4
100G, QSFP28, 1310nm, 10KM

GOXQ28-13100G-ER4
100G, QSFP28, 1310nm, 40KM

QSFP+ 40G

GOXQ-8540G-02-SR4
40G QSFP+, SR4, 850nm, 100m

GOXQ-1340G-LR4
40G QSFP+, PSM LR4, 10KM

GOXQ-1340G-ER4
40G QSFP+, PSM ER4, 40KM

SFP 25G

GOXP-8528-02
SFP 25G, 850NM, 300M

GOXP-1328-20
SFP 25G, 1310NM, 20KM

GOXP-BI2328-20
SFP28 25G, 1270/1330, 20KM SMF

GOXP-BI3228-20
SFP28 25G, 1330/1270, 20KM SMF

SFP+ 10G BIDI

GOXP-BI2396-20
SFP+, 10G, BIDI, 1270/1330NM,
20KM, SMF, DDM
GOXP-BI3296-20
SFP+, 10G, BIDI, 1330/1270NM,
20KM, SMF, DDM

GOXP-BI2396-40
SFP+, 10G, BIDI, 1270/1330NM,
40KM, SMF, DDM
GOXP-BI3296-40
SFP+, 10G, BIDI, 1330/1270NM,
40KM, SMF, DDM

GOXP-BI2396-60
SFP+, 10G, BIDI, 1270/1330NM,
60KM, SMF, DDM
GOXP-BI3296-60
SFP+, 10G, BIDI, 1330/1270NM,
60KM, SMF, DDM

GOXP-BI2396-80
SFP+, 10G, BIDI, 1270/1330NM,
80KM, SMF, DDM
GOXP-BI3296-80
SFP+, 10G, BIDI, 1330/1270NM,
80KM, SMF, DDM

SFP+ 10G (DUAL FIBER)

GOXP-8596-02
SFP+, 10G, 850NM,
300M, MMF, DDM

GOXP-1396-20
SFP+, 10G, 1310NM,
10KM, SMF, DDM

GOXP-1596-40
SFP+, 10G, 1550NM,
40KM, SMF, DDM

GOXP-1596-80
SFP+, 10G, 1550NM,
80KM, SMF, DDM

SFP 1G BIDI

GOXS-BI3512-20
SFP, BIDI, 1.25G, 1310/1550NM,
20KM, SMF, DDM
GOXS-BI5312-20
SFP, BIDI, 1.25G, 1550/1310NM,
20KM, SMF, DDM

GOXS-BI3512-40
SFP, BIDI, 1.25G, 1310/1550NM,
40KM, SMF, DDM
GOXS-BI5312-40
SFP, BIDI, 1.25G, 1550/1310NM,
40KM, SMF, DDM

GOXS-BI4512-80
SFP, BIDI, 1.25G, 1490/1550NM,
80KM, SMF, DDM
GOXS-BI5412-80
SFP, BIDI, 1.25G, 1550/1490NM,
80KM, SMF, DDM

GOXS-BI4512-120
SFP, BIDI, 1.25G, 1490/1550NM,
120KM, SMF, DDM
GOXS-BI5412-120
SFP, BIDI, 1.25G, 1550/1490NM,
120KM, SMF, DDM

SFP 1G (DUAL FIBER)

GOXS-8512-02D
SFP,1.25G,850NM,
500M, MMF, DDM

GOXS-1312-20D
SFP,1.25G,1310nm,
20km, SMF, DDM

GOXS-1312-40D
SFP,1.25G,1310NM,
40KM, SMF, DDM

GOXS-1512-80D
SFP,1.25G,1550NM,
80KM, SMF, DDM

GOXS-1512-120D
SFP,1.25G,1550NM,
120KM, SMF, DDM

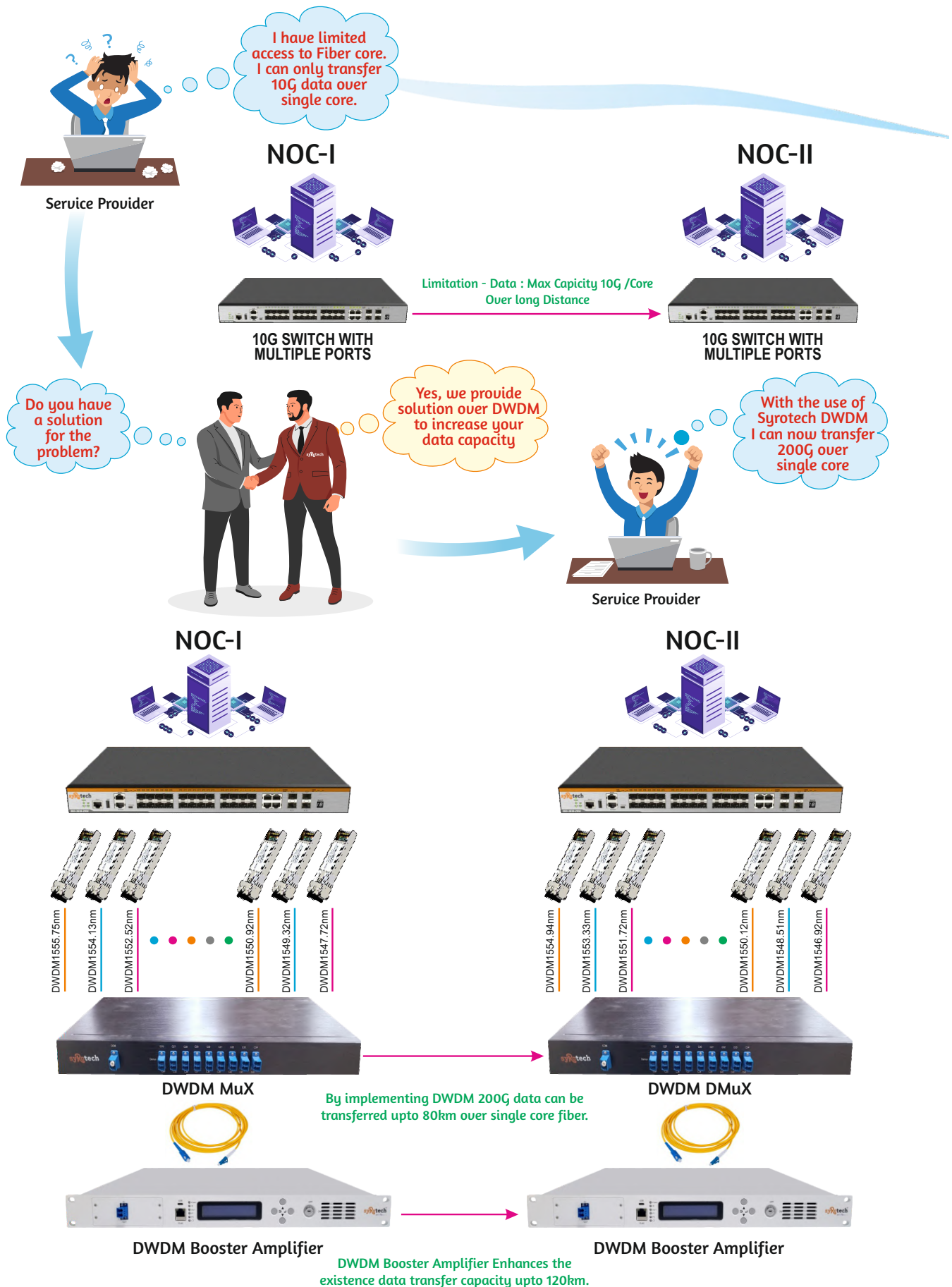## COPPER SFP+ & SFP

GOXP-C96-02
SFP+, 10G, Copper, RJ45, 30mtr

GOXS-C12-02
SFP, 1000M, Copper, RJ45

**Optical Transceivers 100%
Compatible for All OEMs**
(QSFP28, QSFP+, SFP+, XFP, SFP)

DATA TRANSFER SOLUTION OVER DWDM

& DWDM Booster Amplifier

I have limited access to Fiber core. I can only transfer 10G data over single core.

Service Provider

NOC-I

NOC-II

Limitation – Data : Max Capicity 10G /Core Over long Distance

10G SWITCH WITH MULTIPLE PORTS

10G SWITCH WITH MULTIPLE PORTS

Do you have a solution for the problem?

Yes, we provide solution over DWDM to increase your data capacity

With the use of Syrotech DWDM I can now transfer 200G over single core

Service Provider

NOC-I

NOC-II

DWDM1555.75nm DWDM1554.13nm DWDM1552.52nm DWDM1550.92nm DWDM1549.32nm DWDM1547.72nm

DWDM1554.94nm DWDM1553.33nm DWDM1551.72nm DWDM1550.12nm DWDM1548.51nm DWDM1546.92nm

DWDM MuX

DWDM DMuX

By implementing DWDM 200G data can be transferred upto 80km over single core fiber.

DWDM Booster Amplifier

DWDM Booster Amplifier

DWDM Booster Amplifier Enhances the existence data transfer capacity upto 120km.

DWDM & CWDM – Mux–DeMux

DWDM–Mux–DeMux

SY-DWDM-08MD3542-R
DWDM DeMUX, 8CH, CH-35-42,
Rackmount Package, LC/UPC

SY-DWDM-16MD2742-R
DWDM MUX, 16CH, CH-27-42,
Rackmount Package, LC/UPC

SY-DWDM-24MD2346-R
DWDM DeMUX, 24CH, CH-23-46,
Rackmount Package, LC/UPC

SY-DWDM-40MD2160-ESR
DWDM MUX, 40CH, CH-21-60
Rackmount Package, LC/UPC

CWDM–Mux–DeMux

SY-CWDM-04MD1355
CWDM Mux/DeMux, 4 Channel,
1310/1550/1470/1490,
Rackmount, LC/UPC Pair

SY-CWDM-08MD4761-R
CWDM Mux/DeMux, 8 Channel,
1470-1610 Rackmount Package
LC/UPC with 1550 as APC Green

SY-CWDM-16MD1461-R
CWDM Mux/DeMux, 16 Channel,
1270-1610 Rackmount Package
LC/UPC with 1550 as APC Green

SFP+ 10G DWDM

GOXP-DWDM-XX96-40
DWDM SFP+, 10G,XXXX.XX nm-40KM

GOXP-DWDM-XX96-80
DWDM SFP+, 10G, XXXX.XX nm-80KM

SFP+ 10G CWDM

GOXP-CWDM-XX96-40
CWDM SFP+, 10G, 1470-1610nm-40KM

GOXP-CWDM-XX96-80
CWDM SFP+, 10G, 1470-1610nm-80KM

PROFESSIONAL WDM – EDFA

Designed for CATV, FTTX & HFC Application

SY-EDFA-32x19-37MDW

SY-EDFA-16X19-34MDW

SY-EDFA-16X19-34MSW

SY-EDFA-8X19-31MDW

FEATURES:
- Remote management by Syrotech GSM App
- Dual SMPS power Supply with UPS option
- Dual JDSU laser Pump
- SNMP web management
- TFT color display
- Complete Modular based design

SPLICING MACHINE & POWER METER

SPLICING MACHINES

SYRO-6S-C
Syrotech Core to Core
Splicing Machine,
6 Motors

SYRO-6S-L
Syrotech Clad to Clad
Splicing Machine with
touch screen, 4 Motors

- Splicing time 6 Seconds, Heating time 15 Seconds Dust / Shock / Rain Protected, Long Life Electrode.
- 5-inch high-resolution color LCD, 500X magnification, visible clearly with bare eyes.
- Packed with detachable 6800mAh battery, more than 300 times of splicing and heating: high-power LED white light simplifies your work at night.
- Waterproof, Dust proof, Crash proof, Anti-Drop.
- Ultra Fast Welding Time & Ultra Fast Heat Shrink Time.
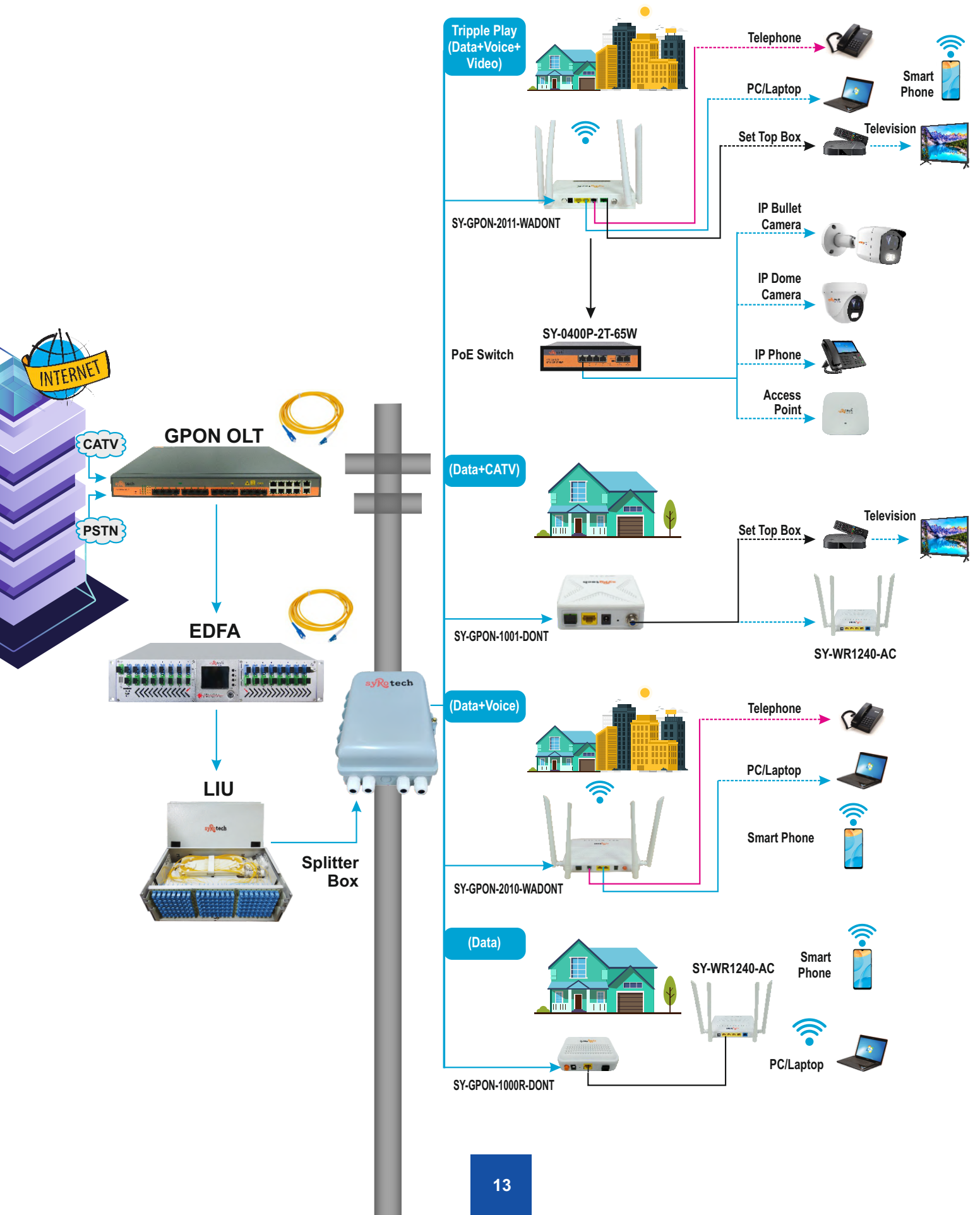
POWER METERs

SY-OPM
Optical Power Meter

SY-OPM-PON
Pon Power Meter

GPON FTTH Architecture

Tripple Play (Data+Voice+ Video)

Telephone

Smart Phone

PC/Laptop

Set Top Box

Television

SY-GPON-2011-WADONT

IP Bullet Camera

IP Dome Camera

PoE Switch

SY-0400P-2T-65W

IP Phone

Access Point

INTERNET

CATV

GPON OLT

PSTN

(Data+CATV)

Television

Set Top Box

SY-GPON-1001-DONT

SY-WR1240-AC

EDFA

LIU

syRotech

Splitter Box

(Data+Voice)

Telephone

PC/Laptop

Smart Phone

SY-GPON-2010-WADONT

(Data)

Smart Phone

SY-WR1240-AC

SY-GPON-1000R-DONT

PC/Laptop

> **"**
> Make In India is a LION's step! This initiative on one hand, will increase manufacturing growth and at the same time, will directly benefit the youth of the nation in the form of employment.
>
> — Narendra Modi
> **"**
>
> *MAKE IN INDIA*

FIBER PATCHCORDS

SINGLE MODE SIMPLEX

LC/UPC-LC/UPC   LC/UPC-SC/UPC   SC/UPC-SC/UPC   SC/APC-SC/APC   ST/PC-ST/PC

SINGLE MODE DUPLEX

LC/UPC-LC/UPC   LC/UPC-SC/UPC   SC/UPC-SC/UPC   ST/PC-ST/PC   FC/PC-FC/PC

MULTI MODE OM1/OM2/OM3/OM4/OM5

LC/PC-LC/PC   SC/PC-SC/PC   LC/PC-SC/PC   ST/PC-ST/PC   FC/PC-FC/PC

SINGLE MODE/MULTI MODE PIGTAILS

SC/PC SM   SC/APC SM   LC/PC SM   LC/APC SM   SC/PC MM

MAKE IN INDIA

Fiber Patch Cords are available in 1m, 2m, 3m, 5m, 10m, 15m, 20m and customized patch cords are available based on request.

LIU – FMS

RACK MOUNTING SLIDING TYPE–19 INCH WITH SC/PC, SC/APC, LC/PC, FC/PC, ST/PC, E2K/APC

*Our Rack Mount LIU/FMS are TWO-IN-ONE can use as sliding type as well as open top type.

SY-LIU-6F
6 Port, Rack Mount LIU

SY-LIU-12F
12 Port, Rack Mount LIU

SY-LIU-24F
24 Port, Rack Mount LIU

SY-LIU-48/72F
48/72 Port, Rack Mount LIU


SY-LIU-96F
96 Port, Rack Mount LIU

Single Mode / Multi Mode - Simplex / Duplex options are also available.

WALL MOUNT TYPE–19 INCH, WITH SC/PC, SC/APC, LC/PC, FC/PC, ST/PC, E2K/APC

SY-LIU-6F
6 Port, Wall Mount LIU

SY-LIU-12F
12 Port, Wall Mount LIU

SY-LIU-24F
24 Port, Wall Mount LIU
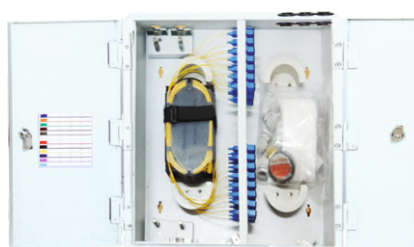
SY-LIU-48F
48 Port, Wall Mount LIU
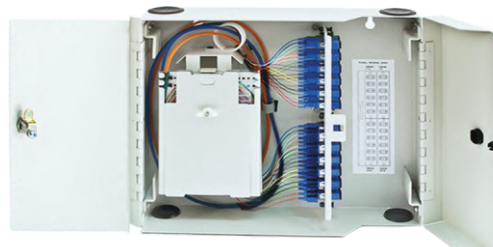
SY-LIU-72F
72 Port, Wall Mount LIU

SY-LIU-96F
96 Port, Wall Mount LIU

* It is used for Wall Mount / Pole Mount. | *Door with lock & key for flexibility & security.

FTTH PASSIVE PRODUCTS

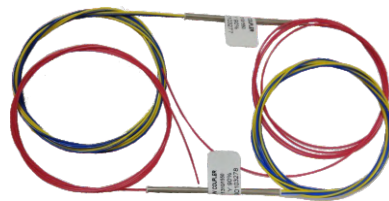## PLC SPLITTERS & TRIPLE RATIO COUPLER
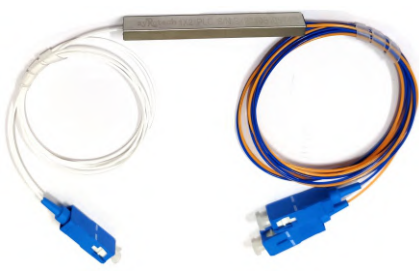
Steel Tube
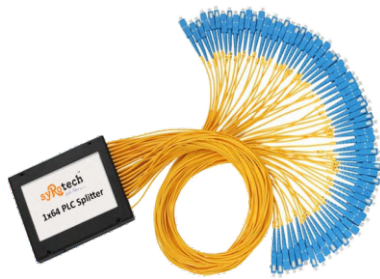
ABS Box

LGX Box

Rackmount

Triple Ratio Coupler
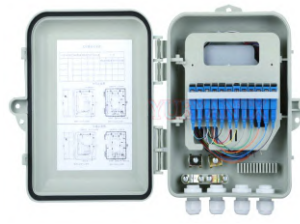
FSDB & FTTH WALL OUTLET

Fiber Splitter Box
Unloaded

Fiber Splitter Box
Loaded

Fiber Distribution
Box Unloaded

Fiber Distribution
Box Loaded

FTTH
Wall Outlet

CONNECTORS, ADAPTORS & ATTENUATORS

Fast Connector

Attenuators

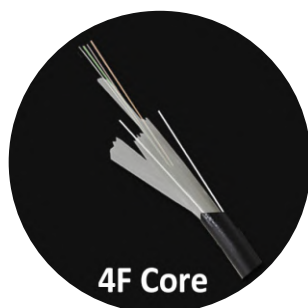Adaptors

FWDM

ABS

LGX

FTTH Node

FIBER CABLES

UNARMOURED WITH GLASS YARN
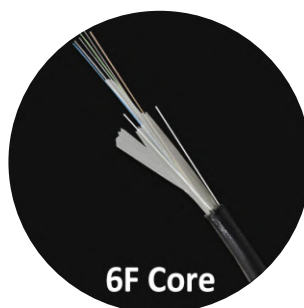

2F Core

SY-CATV-2F-UNARM-GYP

2 Core Unarmoured FRP
Cable With Glass Yarn Dia
5.5mm, G652D, HDPE, 2
FRP with 0.8mm Dia

4F Core
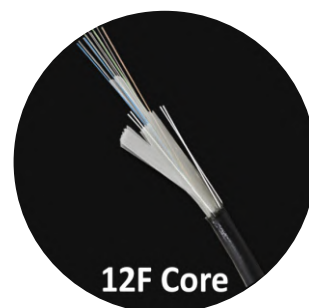
SY-CATV-4F-UNARM-GYP

4 Core Unarmoured FRP
Cable With Glass Yarn Dia 6
MM, G652D, HDPE,
2 FRP with 1mm Dia

6F Core

SY-CATV-6F-UNARM-GYP

6 Core Unarmoured FRP
Cable With Glass Yarn Dia
6mm, G652D, HDPE,
2 FRP with 1mm Dia

12F Core

SY-CATV-12F-UNARM-GYP

12 Core Unarmoured FRP
Cable With Glass Yarn Dia
6 mm, G652D, HDPE,
2 FRP with 1mm Dia

DROP CABLES

SY-DROP1F-A1-IND

1 Fiber Optic Drop Cable, SM,
G657A1,
strenght member (ARP),
LSZH sheath Flat cable
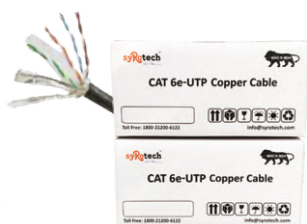(Available in Minimum 2 km bundle)

SY-DROP2F-A1-IND

2 Fiber Optic Drop Cable, SM,
G657A1,
strenght member (ARP),
LSZH sheath Flat cable
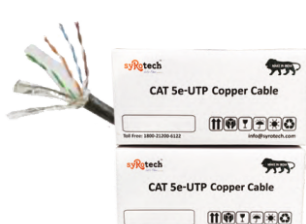(Available in Minimum 2 km bundle)

SY-DROP2FR-A1-IND

2Fiber Optic Drop Cable, SM,
G657A1,
Glass yarn Strength member (FRP),
PE sheath, Round Cable
(Available in Minimum 2 km bundle

CAT6/CAT5 COPPER CABLE

SY-CAT6-UTP-305M

CAT6, 23AWG,
4 Pair 0.52mm UTP, PVC,
305 mtrs, Copper Cable

SY-CAT5-UTP-DL-305M

CAT5, 24AWG,
4 Pair 0.50mm UTP, PVC,
305 mtrs, Copper Cable

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CAT6, 23AWG,
4 Pair 0.52mm SFTP, PVC,
305 mtrs, Copper Cable

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CAT5, 24AWG,
4 Pair 0.50mm SFTP, PVC,
305 mtrs, Copper Cable

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- Anil Mittal, Chairman

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