

## **GEPON Splitter**

### **EPL-SPT-8 / EPL-SPT-32 / EPL-SPT-64**

### **Quick Installation Guide**

#### **Introduction**

PLANET EPL-SPT-8 / EPL-SPT-32 / EPL-SPT-64 is a single-mode PLC splitter which can divide a single optical input into multiple optical outputs uniformly. The splitter provides high quality performance, such as Low Insertion Loss, Low PDL, High Return Loss, Wide Wavelength Range from 1260nm to 1650nm and Wide Temperature Range from -40 to 85 degrees C.

PLANET EPL-SPT-8 / EPL-SPT-32 / EPL-SPT-64 is fully compliant with PLANET GEPON technology, with high split ratio at 1:8 / 1:32 / 1:64 and supports the usage of PLANET OLT (EPL-2000) and ONUs (EPN-102) / (EPN-103). Users can minimize the investment cost and deploy the network easily. It provides the cost-effective solution, scalability and flexibility for optical network distribution.

#### **Product Features**

- 1 : 8 High Split Ratio (EPL-SPT-8)
- 1 : 32 High Split Ratio (EPL-SPT-32)
- 1 : 64 High Split Ratio (EPL-SPT-64)
- Low Insertion Loss
- Low PDL (Polarization Dependent Loss)
- High Reliability and Stability
- Wide Operating Wavelength 1260nm to 1650nm
- Wide Operating Temperature -40 to 85 degrees C
- Cassette size

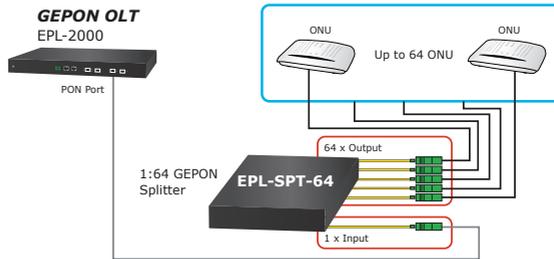
#### **Applications**

- Passive Optical Network
- FTTx Network
- Optical LAN, WAN and Metro networks
- CATV Network
- IP Surveillance

# Specifications

Product	GEPON Splitter		
	EPL-SPT-8	EPL-SPT-32	EPL-SPT-64
<b>Optical Performance</b>			
<b>Split Ratio</b>	1 x 8	1 x 32	1 x 64
<b>Operation Wavelength</b>	1260 ~ 1650nm		
<b>Insertion Loss (max.)</b>	10.2dB	16.5dB	20.5dB
<b>Polarization Dependent Loss</b>	0.25dB	0.3dB	
<b>Uniformity</b>	0.8dB	1.5dB	2.5dB
<b>Return Loss</b>	55dB		
<b>Directivity</b>	55dB		
<b>Environment Specifications</b>			
<b>Dimensions (W x D x H)</b>	100 x 80 x 10 mm	120 x 80 x 18 mm	140 x 115 x 18 mm
<b>Weight</b>	112g	274g	515g
<b>Temperature</b>	Operating temperature: -40 ~ 85 degrees C Storage temperature: -40 ~ 85 degrees C		
<b>Pigtail Length</b>	≥1.0m		
<b>Connector Type</b>	SC / APC Connector		
<b>RoHS</b>	RoHS Compliant		

# Connection



# Applications

