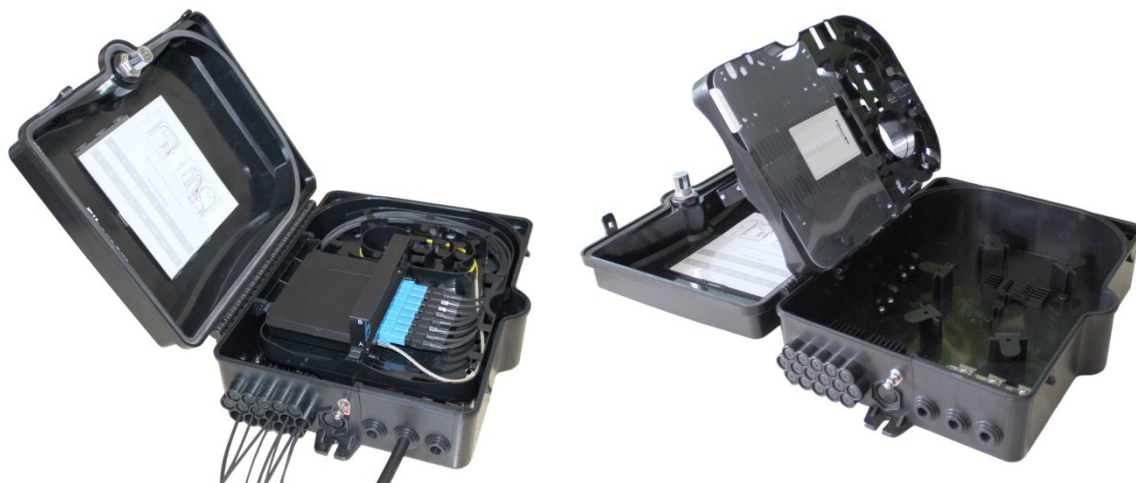# Multipurpose Termination Box

STB-16D

Description

Mainly used in FTTxProject,with the function of mechanical splice, cable distribution. It is can protect and manage the cable effectively.

Features

- Fully closed structure, simple and beautiful shape
- Adopted high quality ABS plus PC material, with a good property of dustproof, waterproof, moisture proof , achieved IP 55 Grade
- Suitable for 2pcs 1*8 PLC Splitter cassette box, or 1pc 1*16 PLC Splitter cassette box
- Flexible splice tray which is convenient for operation and maintaining
- Wall and pole mountable, suitable for indoor and outdoor use

Technical Conditions

- Work Temperature: -40℃~+70℃
- Relative Humidity:≤85%(+30℃)
- Atmospheric pressure:70Kpa~106Kpa
- Insert &Pull out Life:≥1000 times
- Material:
  Box:ABS+PC; Lock: Zinc Alloy; Tapping Point: Copper; Other Metallic Parts: Stainless Steel
- The grounding device is insulated with the Termination box,IR≥1000MΩ/500V(direct current)
- Between the grounding device and boxbody, the withstand voltage is over 3000V/Min , no breakdown and flashover. U≥3000V(Direct current)
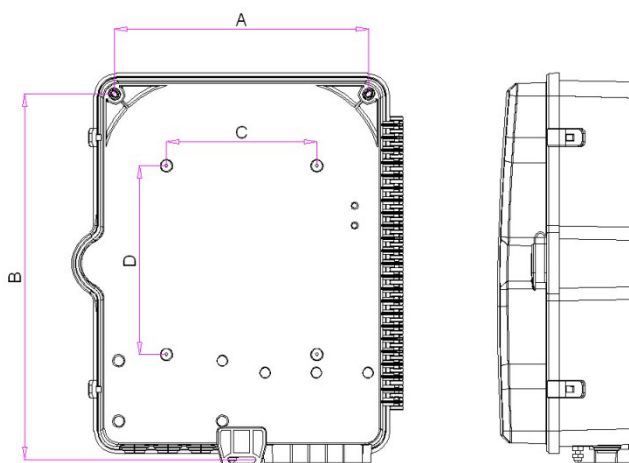
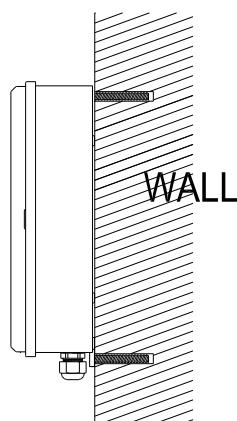# Dimension

- 236mm×302mm×112mm (A×B×C)
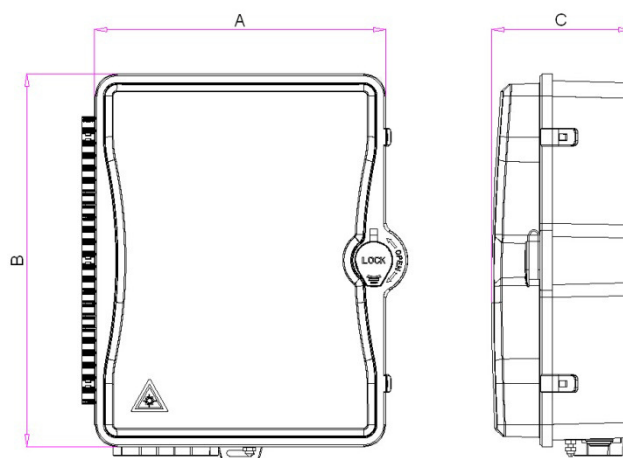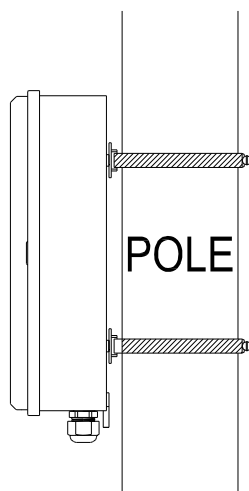
Installation Dimension

- 203mm×290mm (A×B)
- 120mm×150mm (C×D)

Wall-mount Installation

- 3 holes in the wall throughpercussiondrill,in above mentioned dimensions, inserting plastic expansion pipe(Φ7.5×40),then hang the box on the wall and fix it with screws

WALL

Pole mounting Installation

POLE

PLC Splitter *cassette box*

- 1x8 PLC Splitter cassette with SC connector

Color	Black
Material	ABS
PLC (IN)	Ø0.9mm 1.1M cable
PLC (OUT)	8pcs SC Adapters
Size	130×100×24.5mm
Insertion loss(Max)	10.4dB
Return loss	UPC≥50dB; APC≥55dB
Operating temperature	-40℃~85℃
Optical fiber type	G657A

PLC-IN   Inlet fiber+Sleeve Drop cable

Drop cable

Drop cable

PLC-IN

Heat Shrink tube   Inlet Cable   Distribution Cable

Wiring Diagram
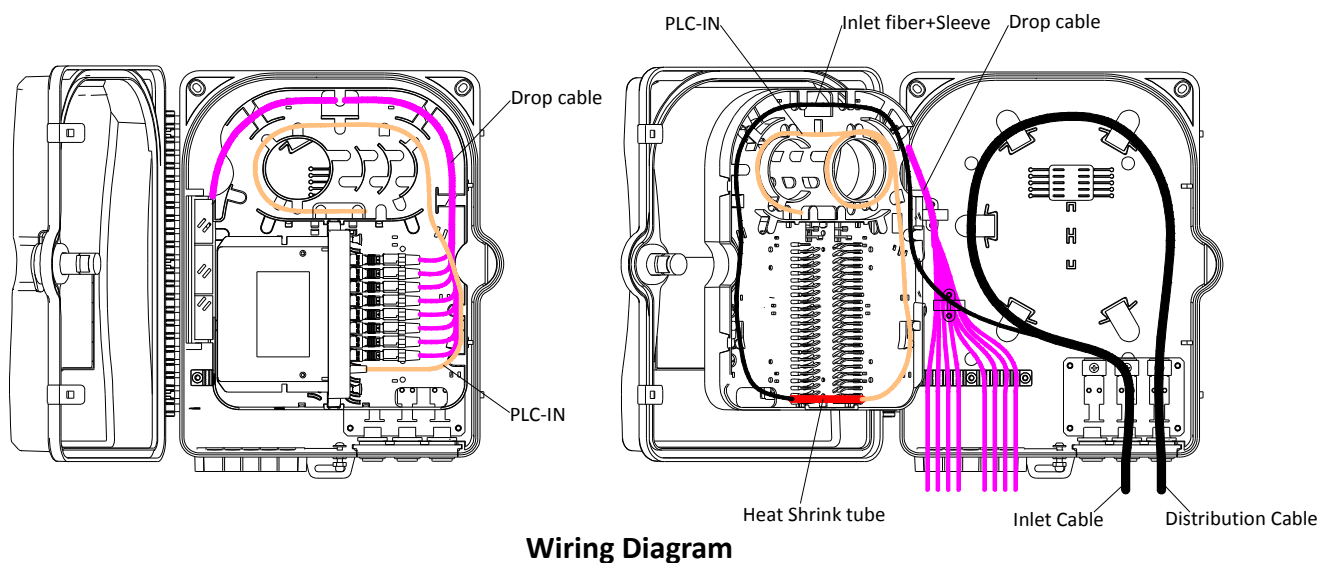
● 1x8 PLC Splitter cassette without Connector

Color	Black
Material	ABS
PLC (IN)	Ø0.9mm 1.1M cable
PLC (OUT)	Ø0.9mm 1.1M cable (8color)
Size	130×100×24.5mm
Insertion loss(Max)	10.2dB
Return loss	UPC≥50dB;　APC≥55dB
Operating temperature	-40℃~85℃
Optical fiber type	G657A

PLC-IN　PLC-OUT　　Inlet fiber+Sleeve　Drop cable

PLC-OUT

PLC-IN

Heat Shrink tube　　Inlet Cable　Distribution Cable

Wiring Diagram
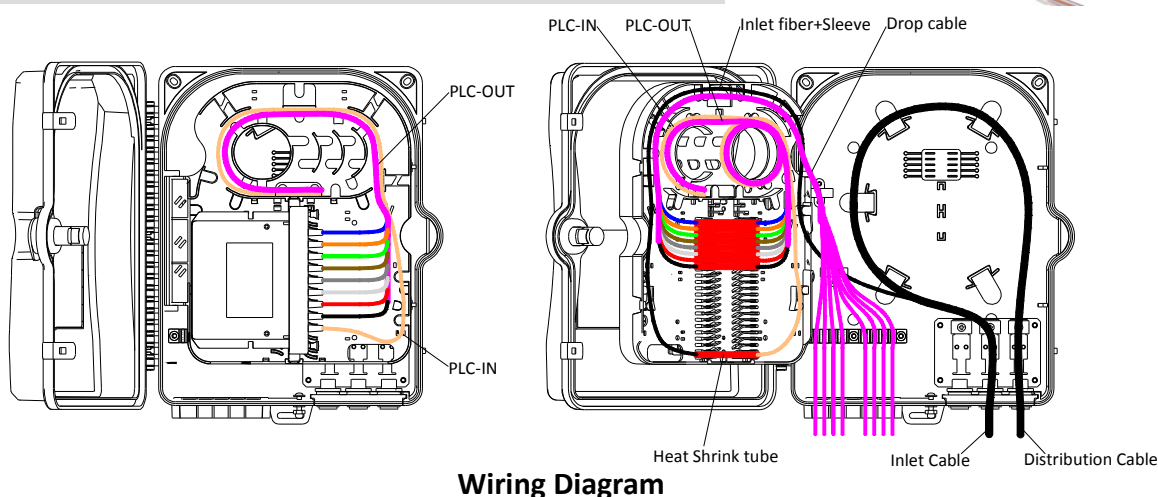
● 1x8 PLC Splitter without Connector

Color	/
Material	/
PLC (IN)	Ø0.9mm 1.2M cable
PLC (OUT)	Ø0.9mm 1.2M cable (8color)
Size	60×7×4mm
Insertion loss(Max)	10.2dB
Return loss	/
Operating temperature	-40℃~85℃
Optical fiber type	G657A

PLC-IN　PLC-OUT　　Inlet fiber+Sleeve　Drop cable

PLC-IN　PLC-OUT　　Inlet fiber+Sleeve

Heat Shrink tube　　Inlet Cable　Distribution Cable

Heat Shrink tube　　Fan-out cable　　Distribution Cable

Inlet Cable

Wiring Diagram