



**Better FTTx,
Better Life.**

FCST02265

**Fiber Optic Distribution Box
-Outdoor Type**



Product Overview

The equipment is used as a termination point for the feeder cable to connect with drop cable in FTTx communication network system. The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.

Product Advantages

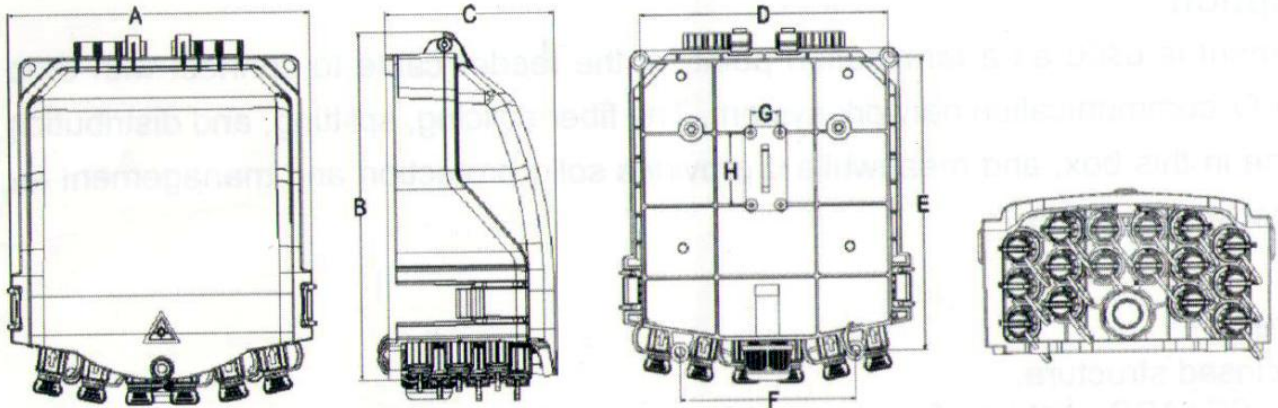
- Total enclosed structure.
- Material: PC+ABS,wet-proof;water-proof;dust-proof;anti-aging, protection level up to IP65.
- Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
- Cable, pigtails, and patch cords are running through their own paths without disturbing each other, micro type PLC splitter installation,easy maintenance.
- Distribution panel can be flipped up, feeder cable can be placed by expression port,easy for maintenance and installation.
- Box can be installed by the way of wall-mounted or poled-mounted,suitable for both indoor and outdoor use.

Product Specifications

Construction	Description
Max. Capacity	16
Size (Pic 1) A*B*C (mm)	208*241*117
Description	Splitter Box
Model	16 core
Installation Size (Pic 2) D*E*F (mm)	179*212*126
Installation Size (Pic 2) G*H (mm)	21*52
Into The largest Cable Diameter (mm)	18
Relative Humidity	≤85% (+30°C)
Atmospheric Pressure	70Kpa~106Kpa

Working Temperature

-40°C ~ +85°C



Main technical datasheet

Insertion loss: $\leq 0.15\text{dB}$

UPC return loss: $\geq 50\text{dB}$

APC return loss: $\geq 60\text{dB}$

Thunder-proof technical datasheet

The insulation resistance between the grounding device and the metal parts of the box is no less than $2 \times 10^4 \text{M}\Omega / 500\text{V}$ (DC) ; $IR \geq 2 \times 10^4 \text{M}\Omega / 500\text{V}$

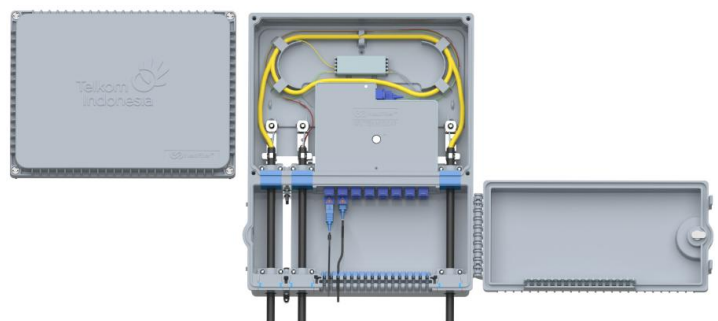
The voltage resistance between the grounding device, and the box and its metal parts is no less than 3000V (DC) /min, no puncture, no flashover; $U \geq 3000\text{V}$

Design And Customization Services

- Provide service with whole process from blueprint to product to the customer.
- Meet customer's requirement to customize logo in suitable place for existing product.
- Meet customer's requirement to make reasonable modify and customization for existing product.
- Provide free design according to the requirement of customer after signed cooperative agreement.



FCST01131



FCST02253