FIBER OPTIC TERMINATION FRAME (ODF/SETs)

Distribution box Type outdoor Optical Distribution Boxes is designed to connect feeder/distribution cable to subscriber's drop cable using PLC splitter in FTTx networks. It has 2 input ports and 16 output ports on the bottom and it is easy to install on the wall or pole. The rear tray is for splicing a fiber of feeder cable with PLC splitter and the front tray is for connecting subscriber's drop cable through adaptor plate on the tray.

1. Features:

High strength composite material (SMC) or engineering plastic injection molding, good mechanical performance, elegant appearance, sturdiness and durability .
Suitable for indoor and outdoor , wall-mounted, pole, aerial installation .
Splitter type: insertion splitter 1: 4/6/8/12/24/36/48 Port
Turn-over structure, layout is reasonable with splicing zone below and distribution zone above .
FC,SC,and LC adapters available, modular design, convenient for fixation and maintenance .
Fiber route reasonable, fiber bending radius at any place is greater than 30 mm .
The mark is clear on each fiber connection and distribution .
The door opening angle is greater than 120 degree for easy operation and maintenance .
The splice tray can be taken down and put on the bench for splicing, convenient operation .
The redundant fiber is wound and protected.

2. Characteristics:

The high strength plastic, anti-ultraviolet radiation and ultraviolet radiation resistant, resistant to rain; For indoor and outdoor overhead and hang wall use;
Box of body use "lock type" structure, box of body switching of simple, convenient, with a lock function safe use;
Melt receive flip type design simple to use, melting with complete separation of fine points fibre layout more reasonable.

PRODUCT	TURKSAT CODE	BRAND/MODEL
Dahili Fiberoptik Kablo Ek Kutusu(12 port)	TKS-FOM-26	FCF/T-DODB12.EK

FTTH 4 & 8 Core Optical Fiber Distribution Box / Cable Terminal Box

  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.

  Features:
 1). Total enclosed structure, be in nice shape.
 2). Material: PC+ABS, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP66.
 3). Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.
 4). Cable, pigtails, patch cords are running through own path without disturbing each other, cassette type SC adapter installation, easy maintenance.
 5). Distribution panel can be flipped up, feeder cable can be placed in a cup-joint way, easy for maintenance and installation.

  Application:

· FTTH, FTTB, FTTC
· Telecommunication Network
· Local Area Network
· CATV

  Environmental conditions:

1, Operating Temperature: -40 ° ~ +60 ° C;

2, Relative humidity: 93% (at +40 ° C);

3, Atmospheric pressure: 62kpa ~ 101kpa (approximate altitude of 0 to 5,000 m)

4, The insertion loss: ≤ 0.35dB;

5, Return loss: ≥ 50dB;

6, Plug durability:> 1000 times

7, Insulation resistance: ≥ 1000MΩ/500v (DC)

8, Pressure:> 3000v (DC) / 1min no breakdown, no flashover. ABS + PC material

FIBER OPTICAL FAT-04/8 FTTX BOX   www.fcttech.com

PRODUCT	TURKSAT CODE	BRAND/MODEL
Dahili Fiber Optik Kablo Ek Kutusu (12Port)	TKS-FOM-26	FCF/T-DODB12P.EK
Dahili Fiber Optik Kablo Ek Kutusu (4Port)	TKS-FOM-36	FCF/T-DODB4P.EK

FTTH 8 Ports Fiber optic termination Box is designed for the FTTx project and provide mechanical protection for fiber management system that include the functions of patching, splicing and passive optic components integration indoor or outdoor environments. This **fiber distribution box** is typically used with micro PLC Splitter for FTTx access networks.

Features
Protection class IP65
Industry Standard User Interface, be made of high impact plastic
Can accommodate 1x4 or 1x8 Micro PLC Splitter
Up to 8 FTTH drops
Wall and pole mountable
With the function of mechanical splice, fusion splice, light splitting, wiring distributions

Applications
Widely used in FTTH Access Networks
Telecommunication Networks
CATV Networks
Local Area Networks

Specifications
Outside dimension   199*160*46mm
Material of Box body   Flame-resistant ABS plastic , PC+ABS
Entry ports and Cable dia.3×φ20mm (PG21)
Number of adapters   8xSC Simplex Adapters
Max capacity of splice   8 cores
Mounting Type   Wall-mount