

Optical Distribution Frame

光配线架

General Description 概述

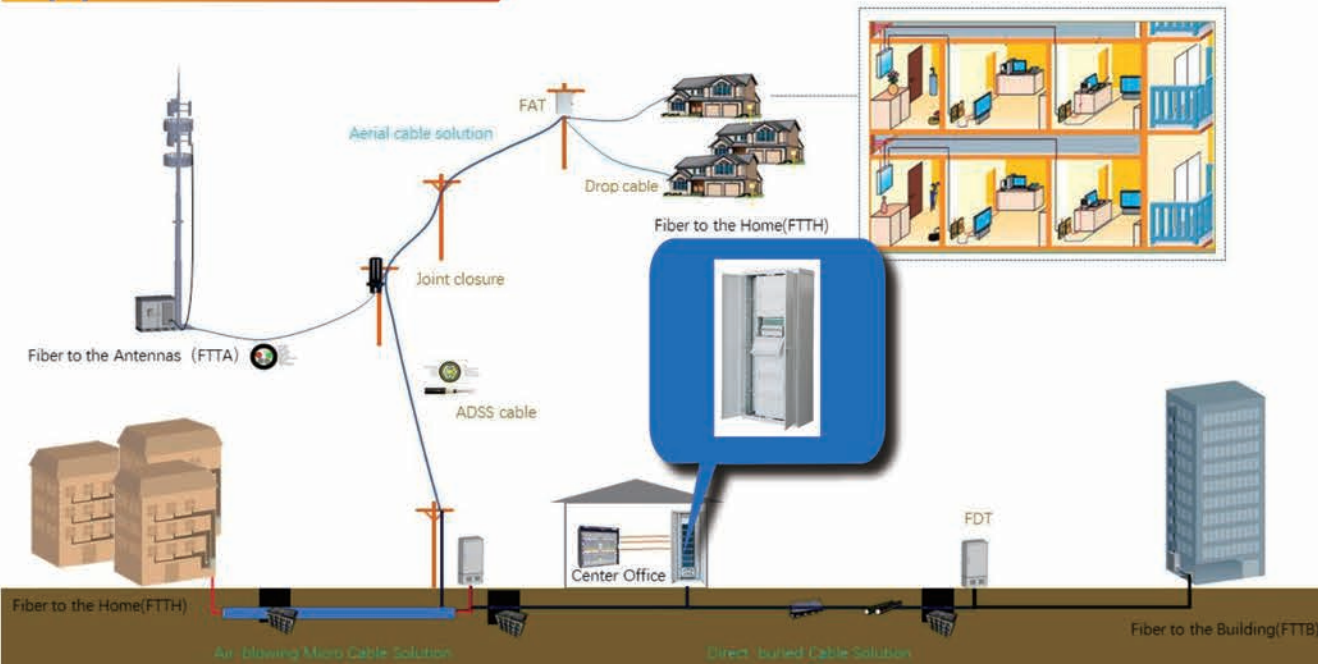
As a necessary device in the optical fiber communication system, the optical distribution frame (ODF) is connected with the external cable at one end and with the optical communication equipment at the other end in the optical fiber communication system for termination and distribution of the local side trunk optical cable to easily achieve connection, distribution and dispatching of the optical fiber circuit. The main functions of the ODF include optical cable fixing, stripping and protection, optical fiber terminating and dispatching, optical cable fiber core, pigtail and jumper protection and storage.

光纤配线架(ODF)作为光纤通信系统中必不可少的设备,在光纤通信系统中一端与外接线缆相连,另一端与光通信设备相连,用于本地端接和配线。侧干光缆轻松实现光纤线路的连接、分配和调度。ODF的主要功能包括光缆固定、剥线和保护、光纤端接和调度、光缆纤芯、尾纤和跳线的保护和存储。

Features 特征

- It is subject to full modular design and adopts a 12-core welding module; every 72 cores are considered as a unit sub-frame; 全模块化设计,采用12芯焊接模块;每72芯被认为是一个单位子帧;
- Clearly identifiable; connection of each core of optical fiber is clearly marked; 清晰可辨;各芯光纤连接处有明显标识;
- It may adopt a wall-supported, back-to-back or side combined frame installation (set with front and rear, and left and right jumper holes), and can be completely operated from the front side; 可采用靠墙、背靠背或侧组合架安装(设置前后、左右跳线孔),可完全从正面操作;
- Reliable optical fiber fixing, stripping and protective grounding devices; 可靠的光纤固定、剥线及保护接地装置;
- Provides optimal management solution for incoming optical cable and outgoing pigtail, well positioned for easy searching; 提供进线光缆和出线尾纤最优管理方案,定位方便,查找方便;
- Sub-frame with door may be operated separately; 带门副架可单独操作;
- Incoming and outgoing cables of optical cable and pigtail are independent and non-interfering; 光缆、尾纤进出线独立互不干扰;

Application Scenario 应用场景



Technical Parameters 技术参数

Model 型号	Dimension 尺寸	Capacity 容量	Material 材料
XB-ODF-D	2000x840x300	720f	—
XB-ODF-D	2000x840x300	648f	Cold-rolled steel
XB-ODF-D	2000x840x300	864f	U-shaped steel/Al-profile

Fiber Optic Distribution Unit

光纤配线单元

General Description 概述

Fiber optic distribution unit is the high-density fiber optic distribution frame developed by our company. It's suitable for both single core and ribbon fiber cable, especially suitable for indoor optical terminal in optical fiber system.

光纤配线单元是我公司研制开发的高密度光纤配线单元。适用于单芯和带状光缆,特别适用于光纤系统中的室内光终端。

Features 特征

- The frame adopts front side cable operation, which is good view and save the installation space. 框架采用前拉线操作,视野好,节省安装空间。
- Fiber management structure adopts a unique splice and distribution design for fiber cable and pigtail, movable connection of pigtail and patch cord is finished in the same fiber management tray. 理纤结构采用独特的光缆和尾纤熔接配线设计,尾纤和跳线的活动连接在同一个理纤盘内完成。
- Reasonable layout makes line clear and protects fiber optic cable. 布局合理,线路清晰,保护光缆。
- Front panels suitable for FC, SC, ST adapter. 适用于FC、SC、ST适配器的前面板。

Application 应用

Used in ODF (Fiber Optical Distribution Frame) and 19 inch rack in Optical Communication network. 用于光通信网络中的ODF (Fiber Optical Distribution Frame)和19英寸机架。

Application Scenario 应用场景

