



# HUAWEI

## iFDT3105D-iReady

**Building an  
Efficient Fiber Infrastructure**



# iFDT3105D-iReady Series

iFDT3105D-iReady series is applied in the optical transmission network to connect the feeder cable and distribution cable. The device can be used to fixed and protect cable, terminate fiber, splice fiber, distribute and dispatch fiber route, protect other space part.

## Features & Benefits

- **Evolution smoothly**  
It support to upgrade to intelligent FDT by increasing intelligent components so as to deploy the iODN smoothly in the future.
- **Proper Cabling**  
Proper cabling design meets the requirements for leading in or out cables upward or downward. ensuring an optical fiber radius greater than or equal to 30 mm inside the cabinet.
- **Modular design**  
The sub-rack and boards can be take out alone, modular design leads to flexible configuration and convenient expansion.
- **High Protection**  
The case made of galvanized steel plates, providing excellent corrosion protection.

## Structure



iFDT3105D-iReady-576



iFDT3105D-iReady-288



iFDT3105D-iReady-144

## Specifications

Type	FDT3105D-144	FDT3105D-288	FDT3105D-576
<b>Capacity (unit: cores)</b>	Splicing and termination: 168	Splicing and termination: 336	Splicing and termination: 672
	Straight-through splicing: 72	Straight-through splicing: 144	Straight-through splicing: 288
<b>Dimension (H x W x D; unit: mm)</b>	950 x 630 x 360 (with base) 778 x 630 x 360 (without base)	1290 x 750 x 360 (with base)	1290 x 750 x 540 (with base)
<b>Operation</b>	Front	Front	Front and back
<b>Material</b>	Steel sheet	Steel sheet	Steel sheet
<b>Parking capacity (unit: cores)</b>	64	64	128
<b>Input and output</b>	Bundle: 8 or Ribbon: 4	Bundle: 12 or Ribbon: 6	Bundle: 24 or Ribbon: 12
<b>Diameter of optical fiber cable (unit: mm)</b>	Bundle cable: 9~24 Ribbon cable: 16~24	Bundle cable: 9~24 Ribbon cable: 16~24	Bundle cable: 9~24 Ribbon cable: 16~24
<b>Color</b>	RAL7035	RAL7035	RAL7035
<b>Installation</b>	Ground, Pole, Wall	Ground	Ground
<b>Protection</b>	IP55	IP55	IP55
<b>Optical splitter</b>	SPL2605	SPL2605	SPL2605

## Environment Parameters

<b>Operating Temperature</b>	-40°C~+60°C
<b>Storage Temperature</b>	-25°C~+55°C
<b>Operation Humidity</b>	0%~95%(+40°C)
<b>Atmospheric Pressure</b>	70kPa~106kPa

## Performance Parameters

<b>Adapter insert loss</b>	≤0.2dB
<b>Reseating durability</b>	> 500 time