

**YD-SP03-1U**

Fiber Optic Distribution Frame



YD-SP03-1U series fiber optic distribution frame is a compact, medium capacity device used to realize fiber optic cable connection and scheduling. Mainly is applicable to fiber optic connecting point between the optical transmission network and equipment or between the access network and subscriber cable. Cross connection or direct connection make allocation and scheduling conveniently be available on the frame.

Features / Benefits

- Enclosed type frame, the left and right side plates can be disassembled, conveniently for frame combine
- Non fiber management unit design, Plug and Play design of splicing and terminating tray
- Universal adapter plug-in fits a variety of adapters such as SC, FC, LC, etc.
- Optical splitter tray can be installed. The installation dimensions of the splitter tray and the splicing and terminating tray are compatible
- All operation in front, the cable can be introduced above or below and be free to allocate
- Reliable cable introducing, fixing and protection device, suitable for ribbon and non-ribbon fiber optic cable
- Reasonable fiber routing, ensure fiber bend radius larger than 37.5mm at any position.

Technical Features**MECHANICAL SPECIFICATIONS**

Material of Housing	Coated cold-rolled steel
Material of internal components	ABS
Color	Gray
Depth	275 mm
Rack Mounting	19"Rack
Adaptor Durability	≥1000 cycle
Insulation Resistance	≥2 × 10 ⁴ M Ω / 500V (DC)
Withstand Voltage	≥3000V□DC /1min

ENVIRONMENTAL

Storage Temperature	-40°C to 75°C (-40°F to 167°F)
Operation Temperature	-40°C to 65°C (-40°F to 149°F)
Installation Temperature	-15°C to 40°C (5°F to 104°F)



YD-SP03-1U
Fiber Optic Distribution Frame

STANDARDS AND TESTING

Test Name	Test Standard	Specified Value
Insertion loss(dB)	IEC61300-3-4-Method B	Mean≤0.1dB Maximum≤0.3dB
Return loss(dB)	IEC61300-3-6-Method 1	APC≥60dB UPC≥50dB
Random connection	IEC61300-3-4	Mean≤0.15dB Maximum≤0.3dB
Splitter	Refer to box type splitter technical specification	
Repeatability	IEC 61300-2-2 1000 cycles	During the test the difference between the initial measurement and each of the measurements after one cycle must be less than 0.20 dB, and should be cleaned otherwise, with a limit of 25 cleanings