

## ODN Series

## Optical Cross Connection Cabinet



Fiber distribution cabinets are distribution equipments, which are used for connection of trunk cable and distribution cable. It can fix, strip, protect, connect and coil the trunk cable and distribution cable. By patch cords, it can dispatch fiber in cable to change the route of transmitting system.

### FEATURES

- Two kinds of material are optional: 1. High quality stainless steel material; 2. SMC materials;
- Good heat insulation performance, effectively prevent condensation;
- Three-point locking structure is used on the door to ensure the high security feature;
- Modular design, easy to expand and install;
- Reliable cable introduction

Parameters	Conditions
Operating Temperature	-40℃ ~ +60℃
Storage Temperature	-25℃ ~ +55℃
Environment Humidity	≤95% (+40℃)
Atmosphere Pressure	70kPa ~ 106kPa
Wavelength	850nm、1310nm、1550nm
Insertion Loss	≤0.2dB
Return Loss	FC/PC≥50dB    FC/UPC≥50dB    FC/APC≥60dB
Connector Service Life	<0.1 dB after 1000 times plug in-out
Insulation resistance between wiring unit and cabinet>20000MΩ/500V(DC);	
Voltage resistance between wiring unit and cabinet>3000V(DC)/1min, no spark-through and no flash-over.	

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**Order Guide**

Type	material	Dimension	Regular Capacity	Max Capacity	Direct splicing capacity	Box type PLC splitter capacity
144 cores	stainless steel	1030 x560 x300 (with chassis) 810 x560 x300(without chassis)	144	168	144	6-8
	SMC	1035 x570 x308 (with chassis) 770 x570 x308(without chassis)	144	168	144	6-8
288 cores	stainless steel	1330 x750 x330 (with chassis)	288	336	144	6-12
	SMC	1450x750 x320 (with chassis)	288	336	144	6-12
576 cores (one-sided)	stainless steel	1330 x750 x550 (with chassis)	576	672	288	12-20
	SMC	1450x750 x540 (with chassis)	576	672	288	12-20
576 cores (two-sided)	stainless steel	1330 x1450 x330 (with chassis)	576	672	288	12-20
1152 cores (two-sided)	stainless steel	1330 x1450 x550 (with chassis)	1152	1344	576	20-40