



**Technical Specification  
for Dome Type Optical Cable Joint Closure  
(Max 96core)**

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## 1 SCOPE

- 1.1 This specification in comply with the national standards and the industrial standards.
- 1.2 This specification is made according to the company's actual production and service condition.
- 1.3 This specification provides a general principle of the construction、 composition、 technical requirements、 testing method 、testing rules and basic configuration of the outdoor dome type optical cable joint closure.
- 1.4 This specification can be applied for the optical cable joint closure which can be aerial installed、 duct installed and direct buried.
- 1.5 This product is widely used for splicing, distributing various kinds of optical fiber cables.

## 2 REFERENCES

### 2.1 General References

Document	Document Title
YD/T 814.1-2004	Closure for Optical Fiber Cables
GB/T 1034-1998	Testing method for plastic water absorption
GB/T 7424.2-2002	General Requirements for optical cable part 2: Basic Testing Method for optical cable

## 3 ENVIRONMENTAL REQUIREMENTS

- 3.1 Temperature: -40°C~+65°C
- 3.2 Atmospheric Pressure: 62~106kPa

## 4 PRODUCT FEATURE

### 4.1 Specification

No	Capacity (core)	Dimensions			
		Dimensions (mm)	Each Tray capacity*configuration	In & Out Port Number	In & Out Port Diameter (mm)
1	96	430*160	24*4	1 oval port & 4 round port	4 Inport:25mm; 1 Output: 40*60mm
2	72		24*3		
3	48		24*2		
4	24		24*1		

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## 4.2 Mechanical Performance

4.2.1 Waterproof Rate: IP65

## 4.3 Electronic Performance

4.3.1 Insulation Resistance: between frame and protection grounding  $\geq 2 \times 10^4 \text{ M}\Omega$ , 500V(DC).

4.3.2 Dielectric Strength: between frame and protection grounding  $\geq 1500\text{V} / 1\text{min}$  (DC), no breakdown ,no ark.

## 5 PRODUCT PICTURE



## 6 PACKAGE

Carton+Pallets

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