MECHANICALLY SEALED SPLICE CLOSURE

48-144C

LCP CLOSURE

MODEL **ZY-GPJ09-5820B**

The splice closure supports cable connection and branch. Its original mechanical sealing has been tested reliable and won the national patent; wall, pole, aerial and ground-burial installation are all supported.

CAPACITY **144F**	SPLICE TRAYS **6 × 24C**
ENTRANCES **5**	PROTECTION **IP68**



01 OVERVIEW

Description & features

The splice closure supports cable connection and branch. The original mechanical sealing, which has been tested reliable, has won the national patent. It is applicable to many installations: wall mounting, pole mounting, aerial and ground burial.

FEATURES

- Product capacity: single fibre max capacity up to 144F
- IP68 excellent waterproof performance
- Easy installation with no special tool required
- Installation method includes pole mounting, wall mounting, aerial mounting and manhole

02 SPECIFICATIONS

Products performance

ITEM	PARAMETERS
Model	ZY-GPJ09-5820B
Dimensions (mm)	520 × Ø160
Weight (kg)	4.2 - 4.8
Material	PP
Type of sealing	Mechanical
Capacity of single tray	12 / 24 cores
PLC platform	1 pc
Max splice capacity	144F
Max splicing tray	6
Number of entrances	5 entrances (4 for single ports, 1 uncut port)
Diameter for FOC	Uncut port Ø16-20 mm (rubber) · small port Ø10-14 mm (rubber)
Protection grade	IP68
Colour	Black

03 ENVIRONMENT

Environment performance

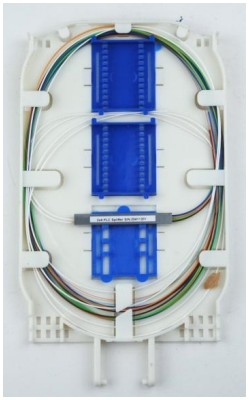
ITEM	PARAMETERS
Environmental temperature	−40 °C to +65 °C
Insulating resistance	≥ 2 × 10⁴ MΩ
Voltage resistance strength	15 kV DC / 1 min, no puncture, no arc-over

04 APPEARANCE

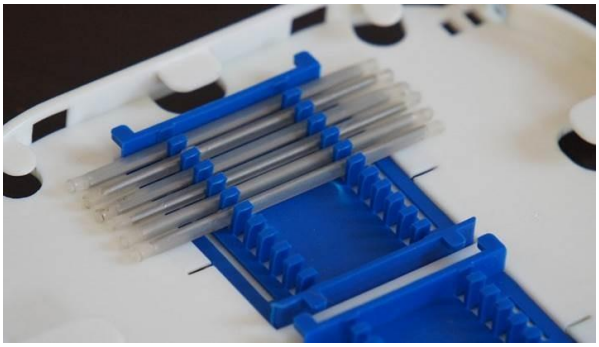
Product appearance



Closure



Splicing tray 24C



Splice slot



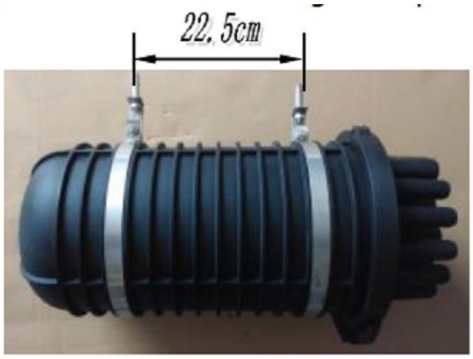
Cable ports

05 MOUNTING

Mounting accessories



Aerial mounting kit



Wall mounting / manhole — 22.5 cm

06 STRAP

Strap (pole mount)



12.5 × 0.75 mm strap



Buckle for strap

The stainless-steel strap and buckle are supplied separately from the closure body; the aerial bracket and the wall bracket are two distinct kits.

ZUOYEAL

ZUOYEAL TECHNOLOGY

Connecting More, With Fiber

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This datasheet describes the LCP mechanically sealed splice closure at the time of publication. Dimensions, weights and configurations may change without notice; confirm current values with ZUOYEAL before ordering.

48–144C · IP68 · MECHANICAL SEAL

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