TECHNICAL SPECIFICATION

12-72C MINI

HYBRID CLOSURE

MODEL **ZYSC-GPJ09-5608**

Compact mechanically sealed hybrid splice closure for access and drop networks. Patented sealing system, 72-fibre capacity, IP68 — for pole, aerial, wall and direct-burial installation.

CAPACITY	PROTECTION
72 F	**IP68**
SPLICE TRAYS	SEALING
6 × 12C	**Mechanical**



01 OVERVIEW

Product overview

The ZYSC-GPJ09-5608 is a compact mechanically sealed hybrid splice closure for optical cable connection and branching. Its patented mechanical sealing has been field-proven, and the unit suits wall mounting, pole mounting, aerial and direct-burial installations.

One closure terminates and protects up to 72 single fibres across six 12-core splice trays. The 12C aerial platform is standard; a 1C–6C drop platform is available as an option, so the same body serves thin drop cables as well.



FIG. 01 Tray and base assembly, 12-core

KEY FEATURES

01 72-fibre capacity
Six 12-core splice trays in a 395 mm closure.

02 Hybrid drop options
12C aerial platform standard; 1C–6C drop platform optional.

03 Tool-free sealing
Patented mechanical sealing — re-entry without special tools.

04 Any mounting
Pole, aerial, wall or direct burial, with stainless steel strap hardware.

APPLICATIONS

WALL	POLE	AERIAL	BURIED
Wall mounted	Pole mounted	Aerial lashed	Direct buried

CONSTRUCTION

BODY
UV-stabilised PP moulding in a compact 395 × Ø190 mm envelope.

SEAL
Patented mechanical sealing, re-enterable on site without special tools.

HARDWARE
Stainless strap, buckle, anchor bolt and hoops for every mounting style.

02 SPECIFICATIONS

Technical specifications

ITEM	PARAMETER
Model	ZYSC-GPJ09-5608
Dimensions (D × L)	Ø190 × 395 mm
Weight	2.0 – 2.5 kg
Material	PP (polypropylene)
Sealing type	Mechanical
Capacity per tray	12 cores
Max. splice capacity	72 F
Splice trays	Up to 6
Cable ports	5 entrances — 4 single ports, 1 uncut port
FOC diameter	Oval port Ø8 – 18 mm · round port Ø3 – 18 mm
Drop cable	4 × 6 mm (12C light aerial) · 2 × 3 mm (1C–6C drop, optional)
Protection grade	IP68
Colour	Black

03 PERFORMANCE

Environmental performance

ITEM	PARAMETER
Operating temperature	−40 °C … +65 °C
Insulating resistance	≥ 2 × 10⁴ MΩ
Dielectric strength	15 kV DC / 1 min — no puncture, no flashover

Test conditions Values are typical for the product family and verified by routine factory inspection. Dimensions are nominal; weight depends on the tray and accessory configuration ordered.

04 APPEARANCE

Product appearance



FIG. 02 Closure — open, tray stack extended

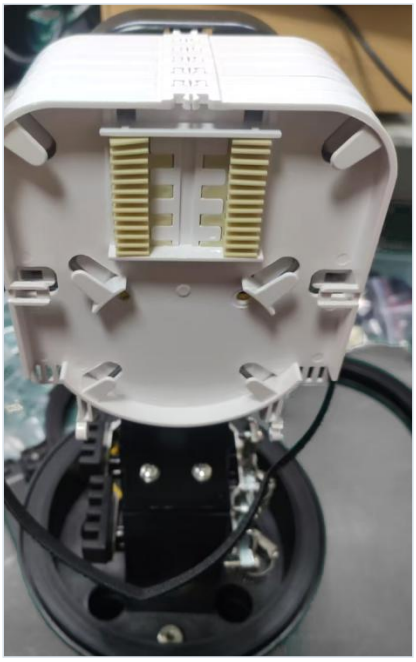


FIG. 03 White tray and base assembly



FIG. 04 Cable ports — 4 single + 1 uncut

The closure body is moulded in UV-stabilised polypropylene in a compact 395 × Ø190 mm envelope. The base carries five sealed cable ports — four single ports with mechanical grommets and one uncut port — plus a bonding stud for the earth lead and a six-tray stack retained by a stainless strap.

The six-tray stack carries 72 splices at 12 cores per tray and swings clear of the base for re-entry. Two 12C drop-cable platforms fit alongside the stack, and the same base accepts the optional 1C–6C platform for thin drop cables.

05 DESIGN

Cable grommet & fixture

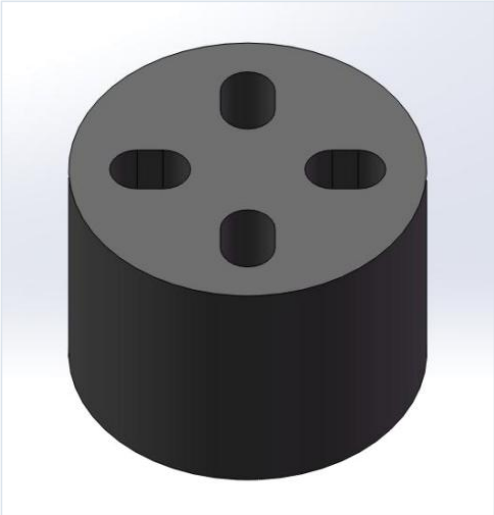


FIG. 05 12C drop-cable grommet

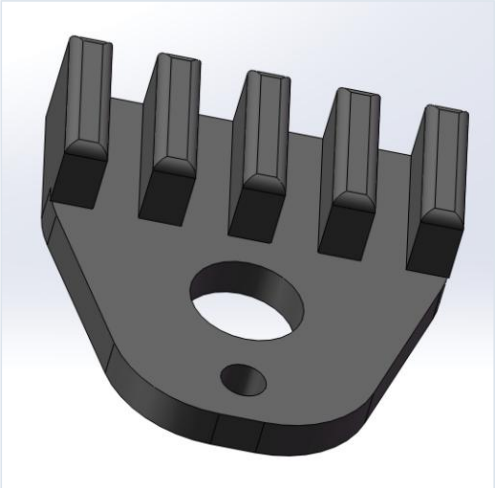


FIG. 06 12C aerial-cable platform

The 12C grommet takes four drop cables of 4.0 × 6.0 mm (12C light aerial cable). Its matching fixture clamps each cable in a 4.3 mm slot so the strength member is restrained independently of the sealing element — the closure stays sealed while individual drops are added or removed.

06 OPTIONAL

1C/6C cable grommet & platform (OPTIONAL)

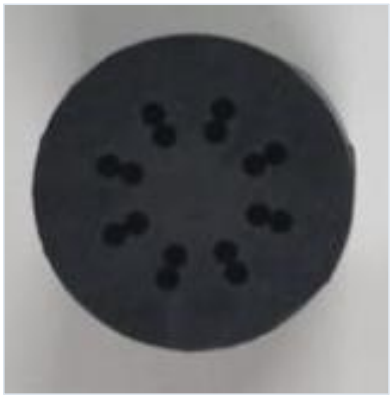


FIG. 07 1C–6C grommet



FIG. 08 1C-6C drop-cable platform

A second, independent platform is available for thin drop cables. Its grommet ta kes 1C–6C cable of 2.0 × 3.0 mm in two layers, and the matching 1C fixture clamps each cable separately — the 12C platform and the 1C–6C platform are different accessories and are ordered separately.

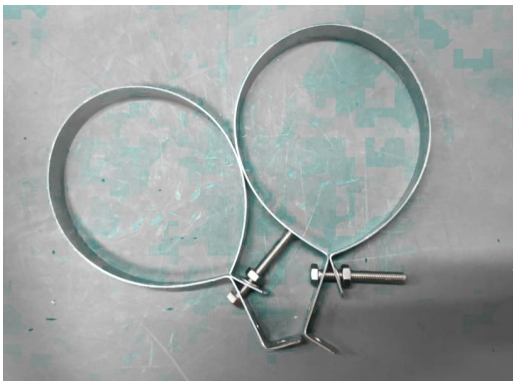
GROMMET 2.0 × 3.0 mm, two layers

CABLE RANGE 1C – 6C drop cable

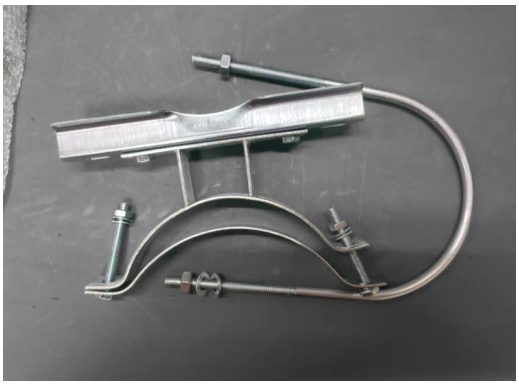
PLATFORM optional, fits the same base

07 ACCESSORIES

Mounting accessories



Aerial Mount Kits



Pole & Wall Mount Kits

Standard hardware: galvanised steel hoops with wedge clamps for aerial lashed cable, and the pole/wall bracket set with stainless strap 12.5 × 0.75 mm. Pole and wall fixings are set on site.

SUPPLIED WITH EACH CLOSURE



- **Splice protection**
  heat-shrink sleeves for every spliced fibre
- **Cleaning kit**
  lint-free wipes and cleaning fluid sachets
- **Marking**
  cable and tray identification labels
- **Sealing**
  insulation tape and sealing tape
- **Fixing**
  cable ties, grommets and bracket hardware

The 1C–6C platform and its 2.0 × 3.0 mm grommets are optional accessories and are ordered separately from the standard 12C kit.

ZUOYEAL

ZUOYEAL TECHNOLOGY

Connecting More, With Fiber

This datasheet describes the ZYSC-GPJ09-5608 hybrid closure at the time of publication. Dimensions, weights and configurations may change without notice; confirm current values with ZUOYEAL before ordering.

12-72C HYBRID CLOSURE

ZYSC-GPJ09-5608 · 72 F · IP68