TECHNICAL SPECIFICATION

288C

HYBRID CLOSURE

MODEL **HMO-GPJ09-6829**

Mechanically sealed hybrid splice closure for high-count feeder and distribution networks. Patented sealing system, 288-fibre capacity, IP68 — for pole, aerial, wall and direct-burial installation.

CAPACITY	PROTECTION
288 F	**IP68**
SPLICE TRAYS	SEALING
12 × 24C	**Mechanical**



01 OVERVIEW

Product overview

The HMO-GPJ09-6829 is a 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.

A single closure terminates and protects up to 288 single fibres across twelve 24-core splice trays, while the drop-cable platform takes up to 24 × 12C light aerial cables — no special tools are needed to open, re-enter or seal it.

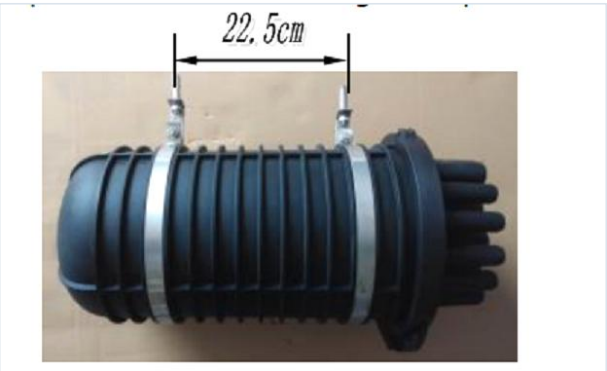


FIG. 01 Pole-mounted, 22.5 cm strap spacing

KEY FEATURES

01 288-fibre capacity
Twelve 24-core splice trays in a single closure.

02 High-count distribution
Drop-cable platform for up to 24 × 12C light aerial cables.

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 with a stacked rib profile for impact resistance.

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	HMO-GPJ09-6829
Dimensions (D × L)	Ø260 × 610 mm
Weight	5.0 – 5.5 kg
Material	PP (polypropylene)
Sealing type	Mechanical
Capacity per tray	24 cores
Max. splice capacity	288 F
Splice trays	Up to 12
Cable ports	7 entrances — 6 single ports, 1 uncut oval port
FOC diameter	Oval port Ø8 – 22 mm · round port Ø10 – 18 mm
Drop cable	4 × 6 mm (12C light aerial cable), up to 24
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 — closed and open



FIG. 03 24-core splice tray stack



FIG. 04 Cable ports — 6 single + 1 uncut oval

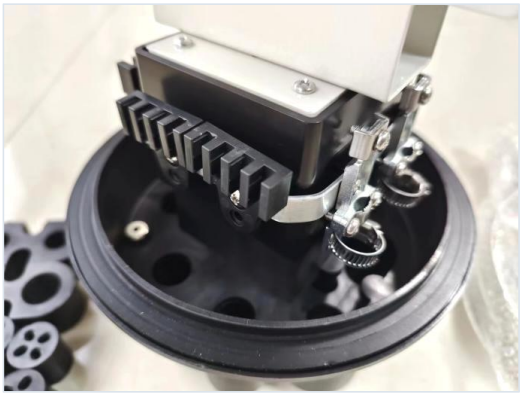


FIG. 05 Cable platform with drop grommets

The closure body is moulded in UV-stabilised polypropylene with a stacked rib profile for impact resistance. The base carries seven sealed cable ports — six single ports with mechanical grommets and one uncut oval port — plus a bonding stud for the earth lead and a twelve-tray stack retained by a stainless strap.

05 DESIGN

Cable grommet & fixture

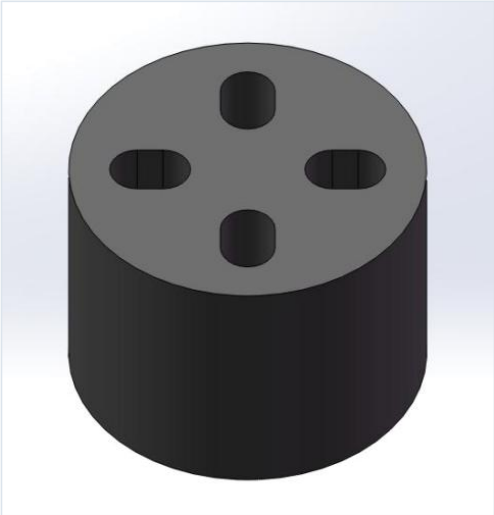


FIG. 06 Drop-cable grommet — 4 holes

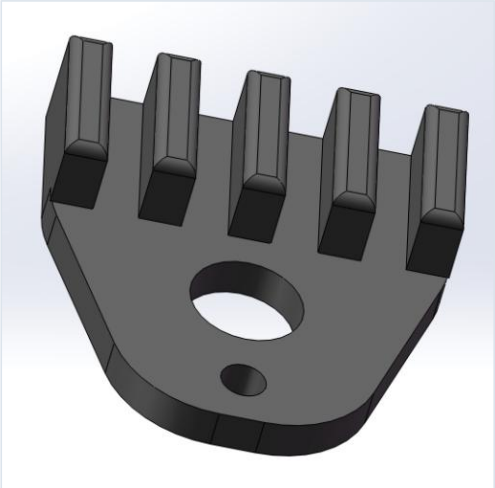


FIG. 07 12C aerial-cable fixture

The 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 ACCESSORIES

Mounting accessories









Aerial Mount Kits	Wall Mount Kits	Pole Mount Kits

Standard hardware: stainless steel strap 12.5 × 0.75 mm with buckle for pole and aerial mounting, plus the anchor bolt and hoops required for wall mounting. Pole circumference is set on site — the strap is cut to length.

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Connecting More, With Fiber

This datasheet describes the HMO-GPJ09-6829 hybrid closure at the time of publication. Dimensions, weights and configurations may change without notice; confirm current values with ZUOYEAL before ordering.

288C HYBRID CLOSURE

HMO-GPJ09-6829 · 288 F · IP68