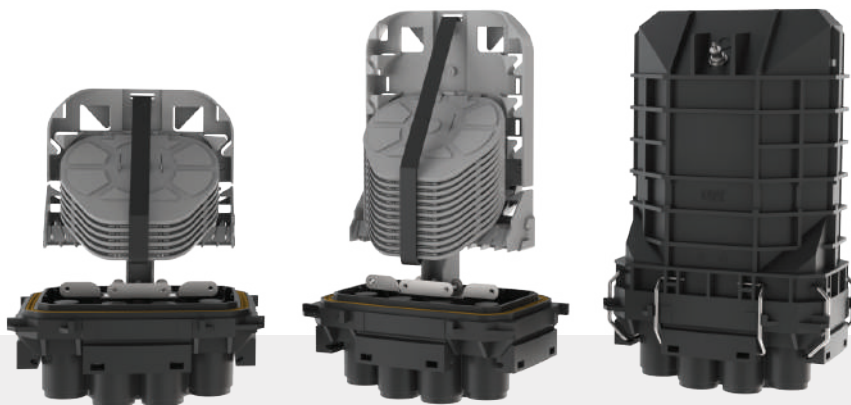# optotec MAX
Closures

Optotec MAX closures are particularly developed for FTTH network deployment.
The MAX closures range is a new, modern concept of cable termination and splicing intended to expedite installation procedures and minimize volume needs. (MAX4 or MAX6 Liters volumes)

MAX is an environmentally sealed single-ended "dome-type" closure for fiber management systems that provides the functions of splicing and passive component integration in plants outside.
They are intended for micro-sheath, ribbon (IBR), dielectric cables and have provisions for all common cable diameters.
The base and dome are sealed by a quad-lock clamp-gasket system. MAX project is naturally compliant with FTTH requirements and overpressure safety requests.
One oval entry port for looped (uncut) cable and four round ports for drop cable entry/exit are provided in the base.
The cable entries are for cold application kits (no flame needed, small diameter cables accepted).
Uncut midspan tube storage space is available on the back of the stack.

APPLICATIONS

• FTTX networks
• Aerial, pedestal, underground environments

TECHNICAL FEATURES

• All G652 and G657 fibers compatible
• Cost effective closure for up to 144 (MAX4) or 288 (MAX6)
• Suitable for heat-shrinkable (SMOUV) or mechanical (ANT) splice protector
• Oval port cable entry 20-5mm - Round port drop cable entry 20-2.5mm
• One oval port and 4 round ports, cold application kits only
• Positive fiber management - min. 30 bend radius respected - uncut fiber cable management
• Cold application kits only
• High reliability - IP68 and IK10
• Latch closing system - friendly use - easy to install
• Operating temperature -40°C up to +70°C
• ROHS and ECO friendly
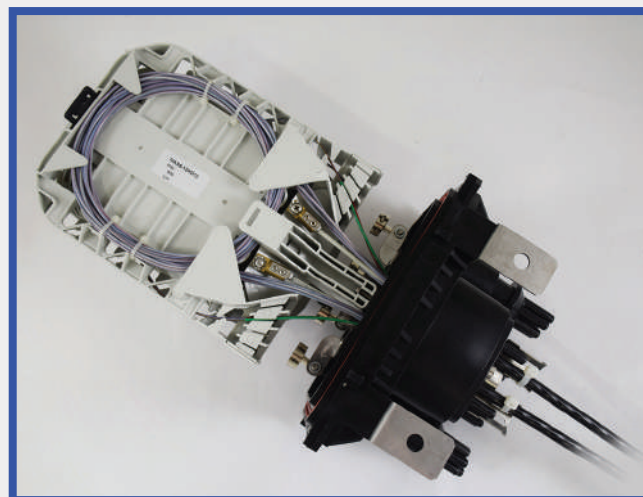
MAX - ORDERING INFORMATION

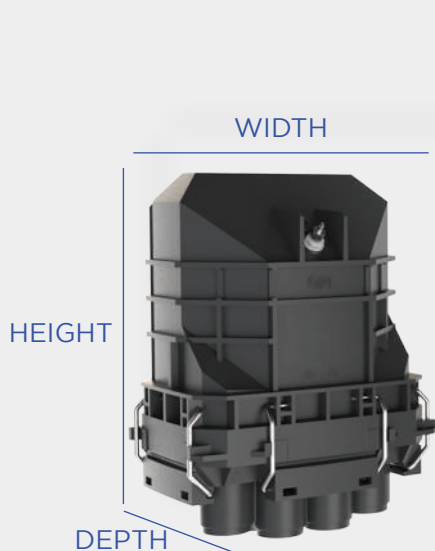| MAX	4	BASIC	NN
SERIES NAME	VOLUME IN LITERS	CONFIGURATION	TYPE
MAX	4	BASIC (Customized version available)	NN = with valve
	6		NV = without valve

SPLICE CAPACITY MAX

It is possible to install our SAMR-HD, high density splice array modules in every max closure.
Choose your SAMR-HD splice module.

MAX4

UP TO 2 SAMR SPLICE REDUCED MODULES

HEIGHT 240 mm
WIDTH 210 mm
DEPTH 145 mm

MAX6

UP TO 4 SAMR SPLICE REDUCED MODULES

HEIGHT 312 mm
WIDTH 210 mm
DEPTH 145 mm

PACKAGING

PRODUCT NAME	PACKAGING TYPE	DIMENSIONS (MM)			GROSS WEIGHT (KG.)
		WIDTH	DEPTH	HEIGHT	
MAX4-X-XXX-XXX	Carton Box	252	151	353	3.5
MAX6-X-XXX-XXX	Carton Box	252	151	353	4.5

# MAX SMALL CLOSURES, BIG HEART

Everything you need is inside MAX closures!

Our developments consider the suggestions given by installers. They are always concerned about midspan cable module storage.

The key requested factors are Protection, Easy-to-Use, Easy-to-Maintain.
Troubles with those modules lead to hours lost in disaster recovery operations.

Optotec seriously considered queries from the field that led our technicians to patent a new reliable, compact, fast method for storing pass-through cable modules.

With the MAX closures system, the cable looping passes from "troubling" to "satisfying".
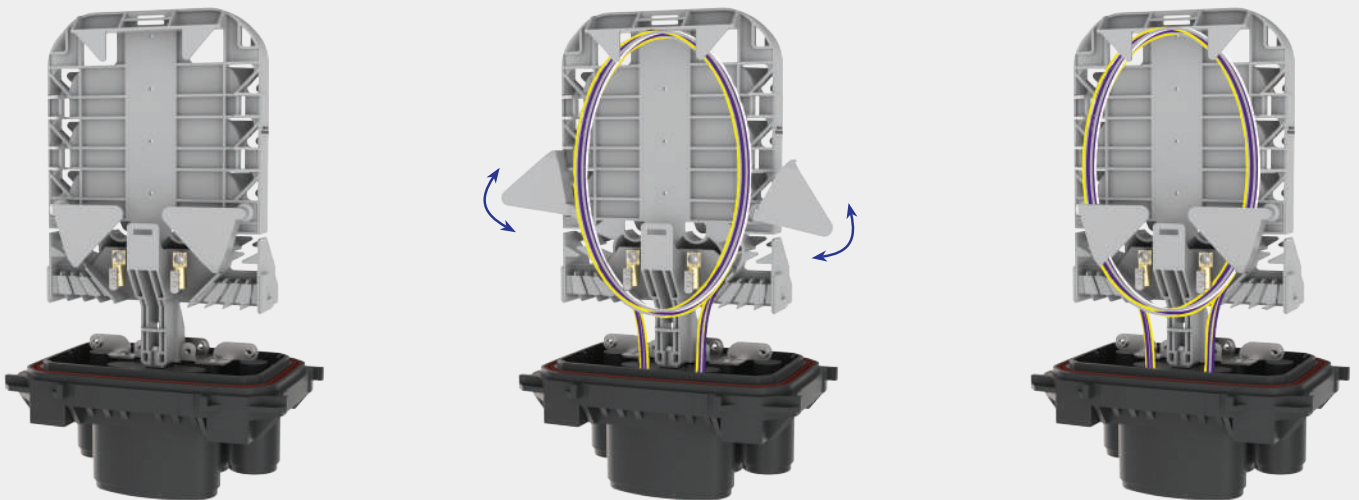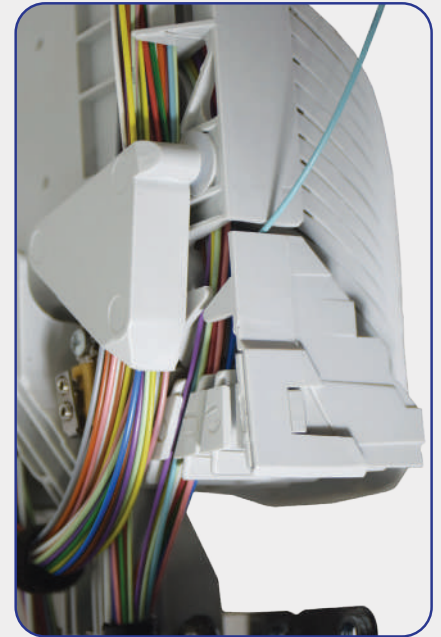
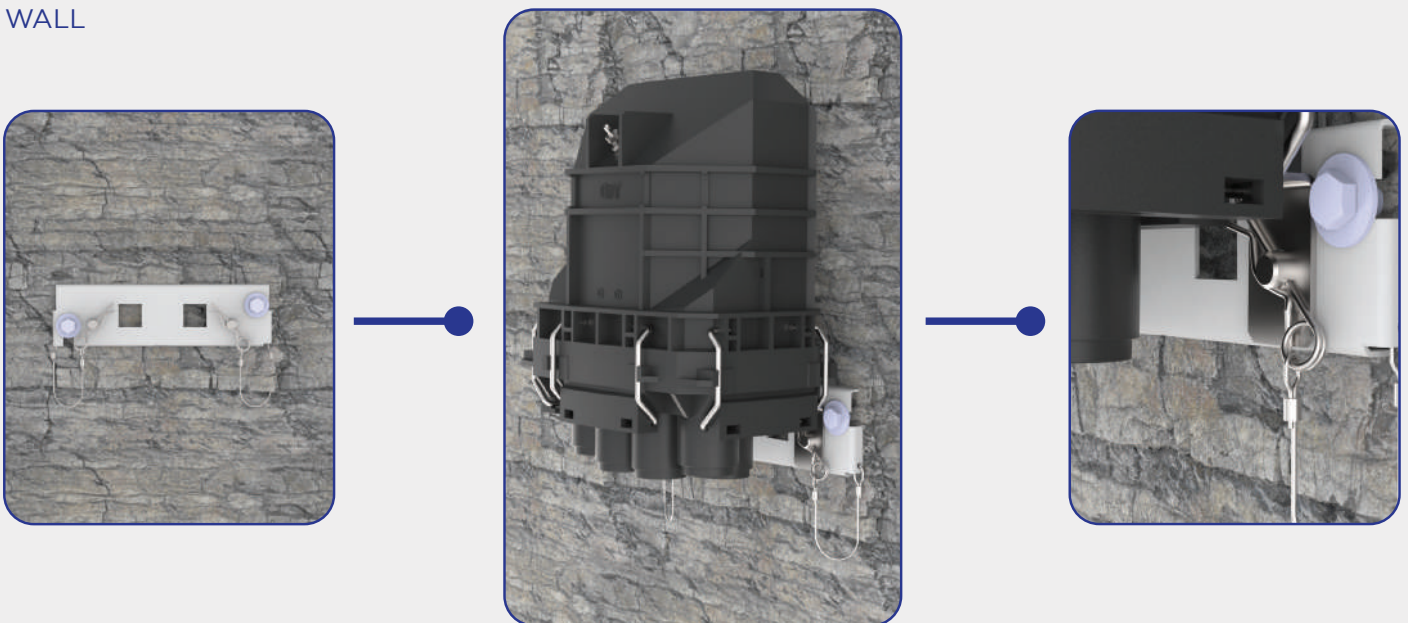| STORAGE	LT 2.3mm MODULES	NG MICROLITE 1.65mm MODULES	YOGALITE 1.3mm MODULES
MAX 4	4x (200cm)	8x (200cm)	24x (200cm)
MAX 6	6x (220cm)	8x (250cm)	24x (250cm)

MAXKIT FOR FIXING CABLES

Optotec has developed a new way to secure closures to walls and to poles in order to make installation and maintenance an easy job. A compact bracket is permanently fixed to the wall (by anchoring clamps) or to the pole (by metal band wrap, available but not included in the standard kit).
The closure is mounted on the bracket through two secured split pins. This installation method guarantees the sound fixing of the closure in any environmental and mechanical condition and allows fast removal from the wall or pole during maintenance and upgrading operations.

POLE
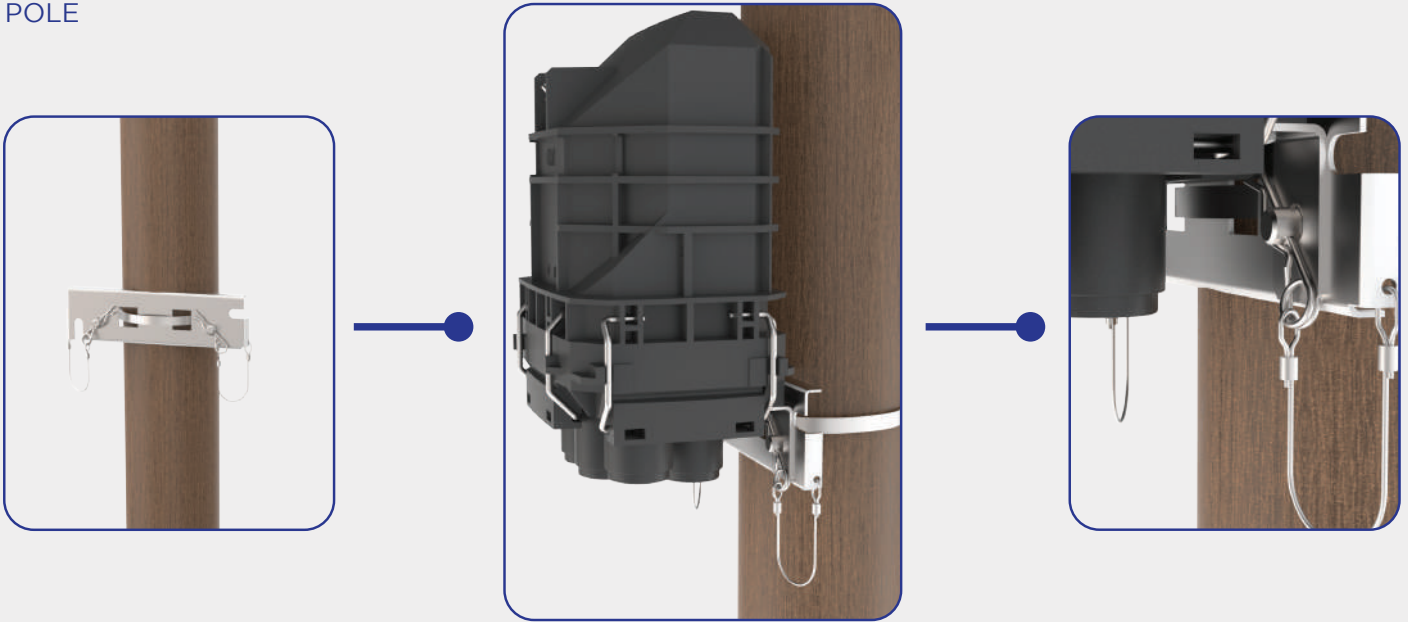
WALL

Max cold sealing
CCSO-CCSR
MAXKIT

KIT CODE AND PICTURE	SEALING TYPE	CABLE MANAGEMENT CAPACITY	
		MAX CABLE NO.	CABLE ⌀ RANGE MIN-MAX
MAXSEALKIT-CCSO-2x20	OVAL COLD SEALING	2	10-20 mm
MAXSEALKIT-CCSO-2x14	OVAL COLD SEALING	2	10-14 mm
MAXSEALKIT-CCSO-4x10	OVAL COLD SEALING	4	5-10 mm
MAXSEALKIT-CCSR-1x20	ROUND COLD SEALING	1	15-20 mm
MAXSEALKIT-CCSR-1x14	ROUND COLD SEALING	1	10-14 mm
MAXSEALKIT-CCSR-2x12	ROUND COLD SEALING	2	8-12 mm
MAXSEALKIT-CCSR-4x10	ROUND COLD SEALING	4	7-10 mm
MAXSEALKIT-CCSR-6x8	ROUND COLD SEALING	6	7-8.6 mm
MAXSEALKIT-CCSR-8x6	ROUND COLD SEALING	8	4-6.4 mm
MAXSEALKIT-CCSR-16x3	ROUND COLD SEALING	16	0-3 mm
MAXSEALKIT-CCSR-4xR95	ROUND COLD SEALING	4	FLAT CABLES 8.5-7 mm 5-4 mm