

# Micromodule Cables and Compact Closures

## Access Network Distribution Solutions



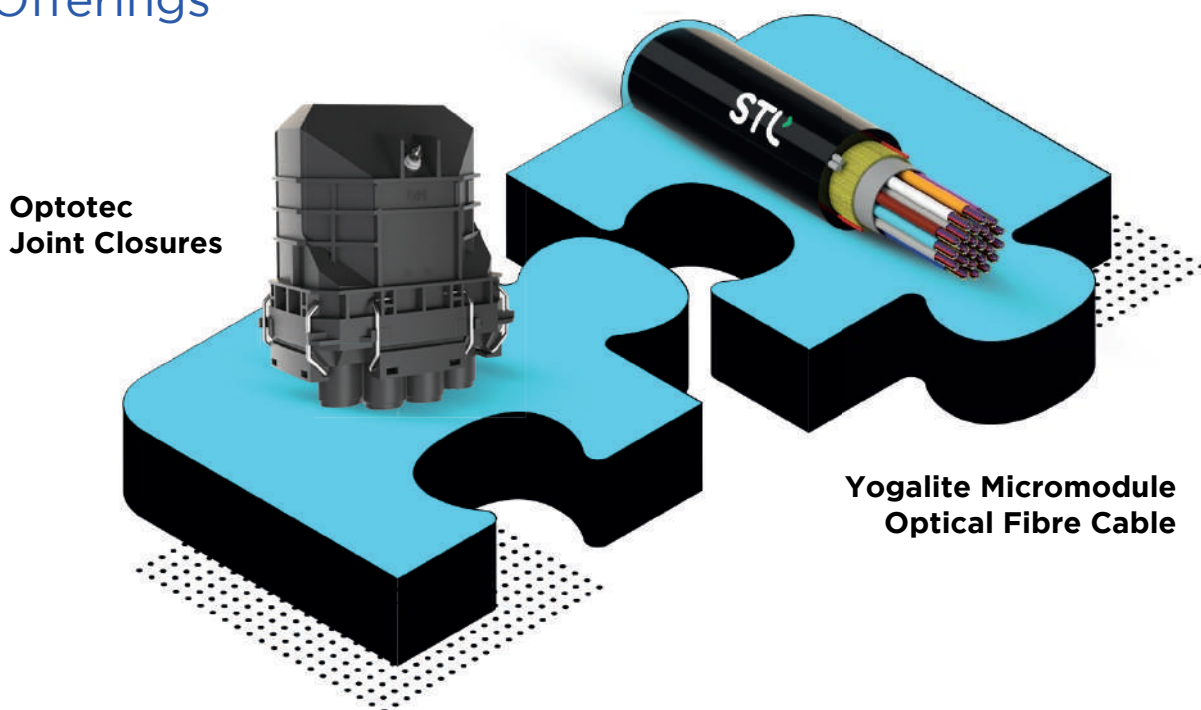
# Overview

Ubiquitous connectivity cannot be said to be ‘overemphasized’ anymore. Around the world, there has been a sudden surge in connectivity demand, whether to run enterprise-grade connectivity from homes for online education, work, shopping, entertainment. For a superior customer experience, operators around the globe need the next-generation fibre optic solutions to build a more resilient networks with negligible downtime, high speed and low latency.

STL are pleased to present the latest developments of Micro-module fibre cables and Compact Splice Closures. These have been specifically designed to maximize space in existing network infrastructure and therefore provide a reduction in the time and effort required for installation. The innovative end to end solution offers:

- Cost savings with the reduction in the size of passive infrastructure like ducts and manholes
- Resilient and future ready networks with easy to deploy compact closures in 2L, 4L and 6L capacity
- Faster and tool-free installation process due to its innovative kink free micromodule cable design

## Our Offerings



## Benefits



**Faster Network Roll-Out**



**Facilitate Deep Fibreization**

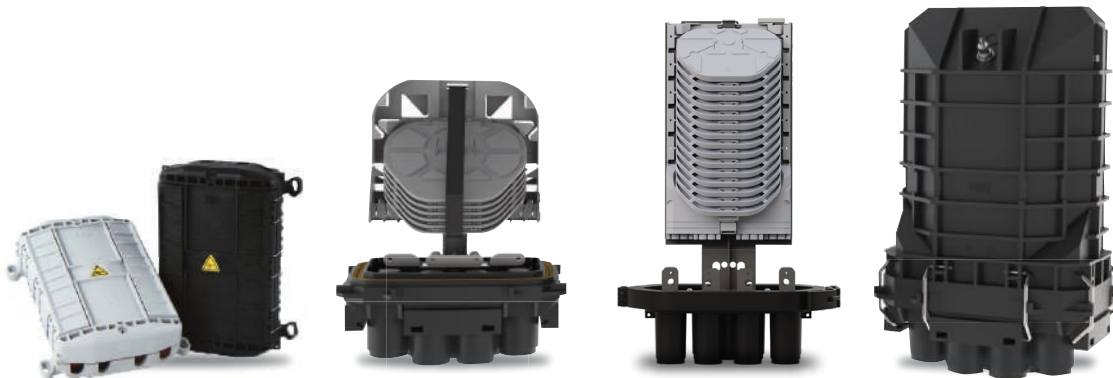


**Reduce cost of Network build out**



**Suitable for both P2P and P2MP networks**

## OPTOTEC Closures



- Closures made with high quality and enduring thermoplastic material
- IP68/ IEC 529 rated watertight and environmentally sealed enclosures
- Flexible Fibre management system with different cassette solutions for single circuit and single element options
- Dedicated area for uncut fibres of continuous cables (mid span access)
- Compatible with different fibre types like G652 and G657
- User friendly and tool-less latch closing system for easy installation
- IP68, IK10 and ROHS compliant

## Yogalite Micromodule Optical Fibre Cable

- Micro-module fibre bundles with tool-less fibre access
- Manufactured with STL's Bow-Lite™ bend insensitive fibre
- Embedded strength members for excellent crush resistant and tensile strength performance
- Options for 6F or 12F per micro-module to align with specific architecture requirements
- OD of 11.5mm (144) and 14.7mm (288)
- Suitable for aerial deployments hauling up to 2.KN, and air assist



# MAX

## Compact Splice Closures

Optotec MAX splice closures are ideal for FTTH Distribution / Local Cable to Cable splicing Distribution / Local Mid-Span Access and also Customer Drop Splicing including the integration of passive optical devices.



The MAX closure system has been specifically designed for applications where space and aesthetics are critical.

The closures are suitable for the management and splicing of standard loose tube, micro-module, and STL's Intelligently Bonded Ribbon (IBR) cable and other flexible ribbon cables.

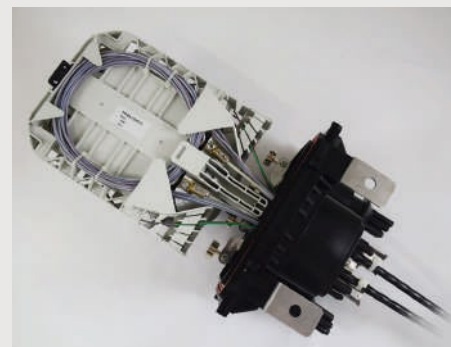
Cable installation is via the main oval port (for looped mid span) or any of the 4 round ports, with each port capable of multiple cable entries and all ports are sealed with a craft friendly mechanical seal system. Subsequent cables in occupied ports can be installed on demand quickly and efficiently with no additional parts required.

The Optotec Splice Assembly Modules allow the designer to select from a range of tray types including mechanical or heat shrink splice protection, number of splices, and passive device integration. Individual trays within Modules can be customised on-site to suit the application and Modules can be installed when required to further minimise time, cost, and effort.

Cable entries are for cold applied kits (no flame needed, small diameter cables accepted). Uncut midspan tube storage space is available on the back of the stack.

### APPLICATIONS

- FTTH Network Cable to Cable Splicing
- FTTH Network Cable to Drop Cable Splicing
- FTTH Network Cable Mid Span Access
- Centralised or Cascaded PON Splitter Architectures
- Space Constrained Locations
- Above Ground for Aesthetics

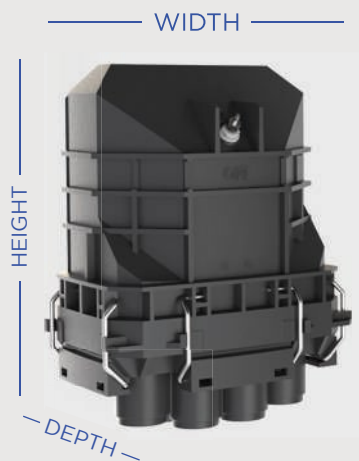


### TECHNICAL FEATURES

- Suitable for installation on utility poles, and underground chambers
- Rated to IP68 / IEC 529 for environmental security
- Rated to IK10 for strength and longevity
- RoHS compliant
- Suitable for all fibre types (ITU-T G.652.D, G.657.A2 etc.,)
- Utilises Optotec by STL Splice Assemblies and PLC Splitter Modules for maximum flexibility
- Suitable for cable end and mid-span cable access with capacity to store and secure un-opened tubes
- Craft friendly with tool-less entry and ergonomic internal design
- Cable entry / exits sealed mechanically, no flame.
- Oval Port Cable Diameter Range 5 - 20mm
- Round Port Cable Diameter Range 2.5 - 20mm
- Suitable operating temperature range: -40°C to +70°C
- Loop storage secured via movable guides to assist in installation and future access

## MAX 4 (For 144F)

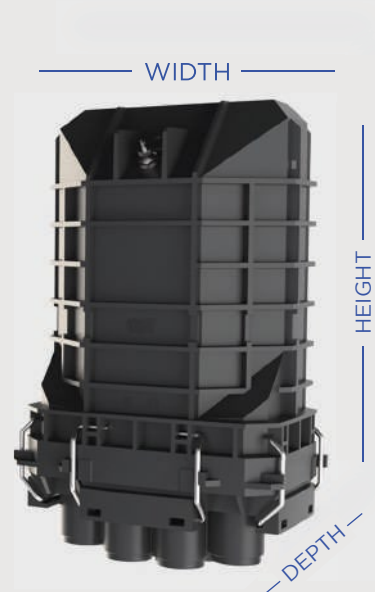
UP TO 2 SAMR SPLICE MODULES



HEIGHT 240 mm  
WIDTH 210 mm  
DEPTH 145 mm

## MAX 6 (For 288F)

UP TO 4 SAMR SPLICE MODULES



HEIGHT 312 mm  
WIDTH 210 mm  
DEPTH 145 mm

## MAX - ORDERING INFORMATION

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

### SPLICE CAPACITY OF MAX

The MAX closure uses the Optotec SAMR high-density splice array modules with splice capacities of up to 96 fibres.

Cable sealing gaskets kits cover a wide range of cable diameters for each input / output port.

Your STL representative can assist in selecting the correct SAMR splice modules and sealing gaskets for your needs.

## MAX SMALL CLOSURES, BIG HEART

The innovative design of MAX closures is the result of working closely with the installers.

Our attention to queries from the field pushed our RnD team to patent a reliable and compact method to store the pass through cable modules.

With focus on ergonomic design and faster installation, MAX closures come with rotatable tube retention lips. This results in enormous cost and time savings during installation and maintenance.



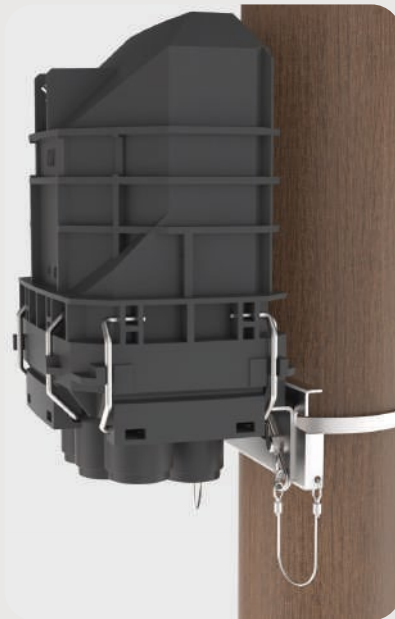
STORAGE	LT 2.3mm MODULES	NEXT-GEN MICROLITE 1.65 mm MODULES	YOGALITE 1.3mm MODULES
MAX 4	4x (200cm)	8x (200cm)	24x (200cm)
MAX 6	6x (220cm)	8x (250cm)	24x (250cm)

# MAXKIT

## MAX CLOSURE MOUNTING

The MAX Closure system uses a stainless steel single bracket for securing the MAX 4 or MAX 6 either to utility poles or mounted directly to walls or inside chambers. The closure base is attached and secured to the bracket by 2 cotter retaining clips making mounting and demounting the closure simple and quick. The closure mount is available separately.

### POLE



### WALL



Max cold sealing

CCSO-CCSR<sub>MAXKIT</sub>

KIT CODE AND PICTURE	SEALING TYPE	CABLE MANAGEMENT CAPACITY	
		MAX CABLES NO.	CABLE Ø 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	1-3 mm
MAXSEALKIT-CCSR-4xR95 	ROUND COLD SEALING	4	FLAT CABLES 8,5-7 mm 5-4 mm

# μODC

## Micro Optical Distribution Closures



The Optotec MicroODC is a compact and versatile splice closure designed for FTTH networks.

It provides IP68 environmental protection, IK10 impact protection, and is  $\leq 2$  litres in volume. It can be installed in underground chambers, direct buried, pole mounted, or attached to building facades.

The MicroODC can be installed in-line, butt-end, or tap-off, and has a splice capacity up to 96 fibres. There is also the ability for cable mid-span access for uncut looped tube applications with secure internal cable management and controlled fibre raceways with a radius  $>30\text{mm}$  for fibre strand integrity.

The closure lid and cable entry ports are mechanically sealed and there are a wide range of cable gaskets available, capable of provisioning up to 18 drop cables with main cable diameters of up to 16mm.

The MicroODC is part of the family of Optotec Splice Closures which use the SAM splice tray modules with heatshrink or fibreclip splice protectors with support for passive optical splitters if required.

### APPLICATIONS

- FTTX networks
- Aerial, facade, underground chamber, direct buried
- In-line, butt, tap-off configuration

### TECHNICAL FEATURES

- ITU-T G.652 and G.657 fibre compatible
- Positive fibre management through min. bend radius protection
- Volume Size  $\leq 2\text{liters}$
- Highly reliable - IP68 and IK10
- Splice positions up to 96f heatshrink or 72f crimp splice protectors
- User-friendly latch closing system
- Main Cables 4-16 mm - Drop Cables 2-7mm
- Standard configuration cables in / out - 2 feeders + up to 18 drops
- Splitters trays available for GPON configurations
- Operating temperature  $-40^{\circ}\text{C}$  up to  $+70^{\circ}\text{C}$
- ROHS and eco-friendly



MICRODC ORDERING INFORMATION

PRODUCT LINE	SERIE NAME	TYPE	CONFIGURATION	COLOR TYPE
Micro Closures	MICRODC (Micro Optical Demarcation Closure)	LT (Loose Tube)	BASIC*	Gray RAL 7035
		MS (Micro Sheath)		Black RAL 9005

\* THE BASIC CONFIGURATION OF OPTOTEC MICRODC INCLUDES - 1 SEALING SET, 4 BLIND GASKETS, EXTERNAL CABLE PLATE

The MicroDC closure uses the Optotec SAMR high-density splice array modules with splice capacities of up to 96 fibres. Cable sealing gaskets kits cover a wide range of cable diameters for each input / output port.

Your Optotec representative can assist in selecting the correct SAMR splice modules and sealing gaskets for your needs.

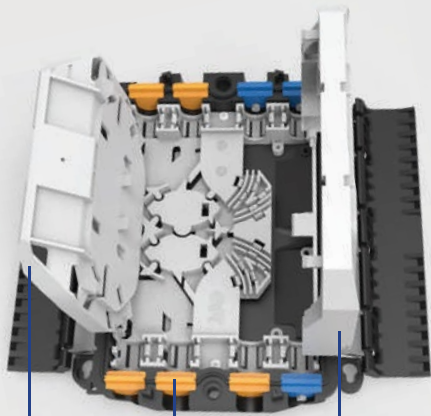
Other optional kits available:

- MICRODCKIT-VALVE kit: Used as a pressurised air flash test point (air must be released after test).
- MICRODCKIT-GROUNDING BOLT kit: Required for cable shield grounding.

MICRODC BASIC, COMPONENTS, CONFIGURATIONS AND DIMENSIONS

MicrODC LT

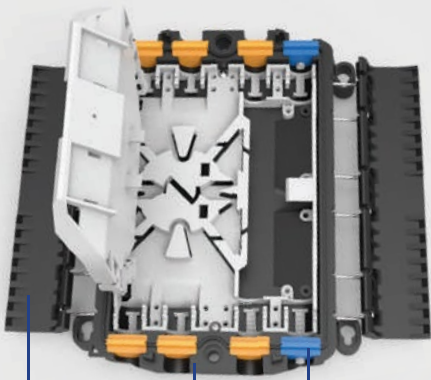
This version of the MicroODC is suitable for loose tube, uncut, mid-span cable modules routings and management. The basket allows storage of up to 12 meters 2.6 mm tubes.



SPLICE TRAYS      GASKET KITS      BASKET

MicrODC MS

This version is designed to accommodate and to protect micro-sheath flexible cable modules. A large storage area under the incoming fibre organizer safely contains the uncut modules.



SIDE LATCH      MICRODC BASE      GASKET KITS



MAX DIM.  
Width 240 mm  
Height 65 mm  
Depth 155 mm

## Compact Closures

# CODC2 - CDOC2

## Patch & Splice

The Optotec range of splice closures supports splicing only or a patch/splice configuration

Main features are:

- Watertight containers IP68 (IEC 529).
- Suitable for traditional cables and micro-cables with ITU-T G.652.D and G.657 fibres.
- CODC2 are splice only closures.
- CDOC2 are patch&splices closures.
- Inner stack is used to fix SAMX splicing modules on one side, while the other side provides storage space for midspan cables.
- CDOC2 includes a patch panel for SC simplex or LC duplex adapters.
- All closures are equipped with an easy to use sealing clamp and silicone gasket to seal the dome to base.
- All Optotec's closures are provided with an RFID system.



## APPLICATIONS

- In line closures, branch joints and pothead installations.
- Aerial networks, pole and on the wall.
- Underground networks: inside handholes/manholes.

## TECHNICAL FEATURES

- High quality thermoplastic material - watertight.
- BASE and DOME (IP68, IEC 529) with clamp and O-ring closing system.
- Management Capability of various types of tube cables.
- Easy access to the junction area through CLAMP opening equipped with guided locking.
- Area dedicated to midspan cable modules (loop cable).
- The BASE is suitable for both the heat-shrinking sealing kit and cold sealing kit.

## ORDERING INFORMATION

PRODUCT LINE	SERIE NAME	CONFIGURATION	BASE TYPE	DOME TYPE		ADAPTERS NO. SC OR LC TYPE
ODC2 Compact Closures Version	CODC2	SPLICE ONLY	A	A	B	-
	CDOC2	PATCH & SPLICE	A	A	-	24

## COMPONENTS AND CONFIGURATIONS

### DIMENSIONS

HEIGHT 380 mm  
WIDTH 280 mm  
DEPTH 150 mm

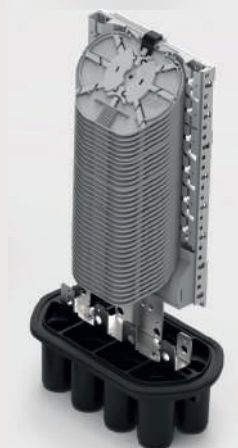


### DIMENSIONS

HEIGHT 450 mm  
WIDTH 280 mm  
DEPTH 150 mm

### splice only CODC2 AA

UP TO 280 FIBRES SPLICE  
CAPACITY 4 SAMX HD  
MODULES



### splice only CODC2 AB

UP TO 432 FIBRES SPLICE  
CAPACITY 6 SAMX HD  
MODULES

### Patch & Splice CDOC2 AA

UP TO 96 FIBRES SPLICE  
CAPACITY 1 SAMX HD  
MODULES AND UP TO 24 ADAPTRES



BASE A



MIDSPAN  
MODULE STORAGE  
AREA DETAIL

# Yogalite

Outdoor Duct and Aerial OFC  
6F - 864F | G.657.A2 Single Mode Fibre



Totally Dielectric



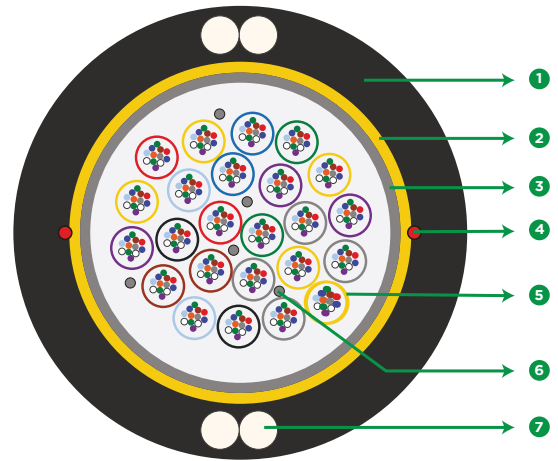
Water Blocked



Easy Strippable



UV Protected



\* Typical Construction Diagram - Not to Scale

- |                            |                      |                         |
|----------------------------|----------------------|-------------------------|
| 1 Outer Sheath             | 2 Aramid Yarns       | 3 Water Blocking Tape   |
| 4 Ripcord                  | 5 Module With Fibres | 6 Water Swellable Yarns |
| 7 Embedded Strength Member |                      |                         |

## Features & Benefits

- Reduced diameter micro-modules manufactured from soft and flexible elastomeric material
- Diametrically opposed embedded strength members provides excellent crush protection performance
- Fibre micro-modules are kink resistant and easily removed without the need for tools
- Fast and easy midspan access

## Product Details

STL YogaLite single jacket cable is based on micro-module technology to create an optimized design suitable for use in duct and aerial deployment scenarios. The micro-module unit consists of groups of fibres protected by an easily strippable and flexible thermoplastic material and filled with thixotropic compound. These microstructures are surrounded with water swelling elements to protect against moisture ingress and are constrained in a thermoplastic sheath, which is provided with embedded strength members to protect from buckling.

## Cable Performance Standards

Cable complies to the following standards IEC 60793, IEC 60794, ITU-T, RoHS, REACH.

## Printing Details

Printing : STL "Fibre Type" "Fibre Count" "Fibre per Module" YOGALITE DUCT/AERIAL Laser Symbol Telephone Symbol "Year of Manufacturing" "Length Code" "Meter marking" M6= 6 Fibres Per Micro Module & M12= 12 Fibres Per Micro Module

**Note :** The accuracy of marking shall be +0.5%. Occasional loss of printing & remarking shall be as per Bell core GR 20 and this supersedes the earlier markings.

## Specifications

Product Information	
<b>Fibre</b>	
Single Mode Optical Fibre Maximum Cabled Fibre Attenuation dB/Km PMDq	Sterlite Fibre, ITU.T - G.657 A2 1310nm : < 0.36, 1550nm : < 0.23 ≤ 0.2 ps/ fflkm
<b>Micro Module</b>	
Fibre/Module Module	6 or 12 Nos.   Fibre wiped with thixotropic gel Soft thermoplastic material
<b>Cable</b>	
Ripcord Water Blocking Elements Peripheral Strength Member Water Blocking Tape Embedded Strength Member  Outer Sheath	2 Nos.   Polyester Based twisted Yarns Apply below outer sheath Water Swellable Yarns to prevent Water ingress in Cable High Tensile Aramid Yarn to meet required Tensile Strength To Cover the Core and Water Protection (if required) 2 or 4 Nos.   Megabond Fibre Reinforced Plastic(FRP) Embedded in Sheath to give Strength & Antibuckling UV Proof Black High Density Polyethylene

Colour Sequence	
<b>Fibre Inside Module:</b>	Red, Blue, Green, Yellow, Violet, White, Orange, Grey, Brown, Black, Aqua, Pink
<b>Modules (1-12):</b>	Red, Blue, Green, Yellow, Violet, White, Orange, Grey, Brown, Light Green, Aqua, Pink
<b>Modules (1-24):</b> Single Intermittent Ring Stripe:	Red, Blue, Green, Yellow, Violet, White, Orange, Grey, Brown, Light Green, Aqua, Pink
<b>Modules (1-48):</b> Single Intermittent Ring Stripe: Double Intermittent Ring Stripe: Triple Intermittent Ring Stripe:	Red, Blue, Green, Yellow, Violet, White, Orange, Grey, Brown, Light Green, Aqua, Pink
<b>Modules (1-60):</b> Single Intermittent Ring Stripe: Double Intermittent Ring Stripe: Triple Intermittent Ring Stripe: Four Intermittent Ring Stripe:	Red, Blue, Green, Yellow, Violet, White, Orange, Grey, Brown, Light Green, Aqua, Pink
<b>Modules (1-72):</b> Single Intermittent Ring Stripe: Double Intermittent Ring Stripe: Triple Intermittent Ring Stripe: Four Intermittent Ring Stripe: Large Single Intermittent Ring Stripe:	Red, Blue, Green, Yellow, Violet, White, Orange, Grey, Brown, Light Green, Aqua, Pink

## Note:

- (a) Distance between adjacent ring shall be 2mm to 3 mm.  
 (b) Distance Between Sequence Ring shall be 40 mm to 60 mm.  
 (c) Width or depth of each Ring shall be 2mm to 3 mm '(c) Large ring-  $6 \leq \text{depth} \leq 10\text{mm}$ .

## Specifications

Cable Construction				
Part Number	Fibre Count	Fibres Per Micro Module	Micro Module	Embedded FRP
	Numbers	Numbers	Numbers	Nos x Size (mm)
YA6FS201TGDP60MC391	6	6	1	2 X 1.2
YA12FS202TGDP60MC391	12	6	2	2 X 1.2
YA24FS204TGDP60MC391	24	6	4	4 X 1.2
YA36FS206TGDP60MC391	36	6	6	4 X 1.2
YA48FS208TGDP60MC391	48	6	8	4 X 1.2
YA72FS212TGDP60MC391	72	6	12	4 X 1.2
YA96FS216TGDP60MC391	96	6	16	4 X 1.2
YA144FS224TGDP60MC391	144	6	24	4 X 1.2
YA12FS201TGDP60MC391	12	12	1	2 X 1.2
YA24FS202TGDP60MC391	24	12	2	4 X 1.2
YA36FS203TGDP60MC391	36	12	3	4 X 1.2
YA48FS204TGDP60MC391	48	12	4	4 X 1.2
YA72FS206TGDP60MC391	72	12	6	4 X 1.2
YA96FS208TGDP60MC391	96	12	8	4 X 1.4
YA144FS212TGDP60MC391	144	12	12	4 X 1.4
YA288FS224TGDP60MC391	288(*)	12	24	4 X 1.4
YA432FS236TGDP60MC391	432(*)	12	36+1# (36 modules shall be arrange n bundle of 12 modules each, separated by binders of different colours)	4 X 1.4
YA576FS248TGDP60MC391	576(*)	12	48+1# (48 modules shall be arrange in bundle of 12 modules each, separated by binders of different colours)	4 X 1.4
YA720FS260TGDP60MC391	720(*)	12	60+1# (60 modules shall be arrange in bundle of 12 modules each, separated by binders of different colours)	4 X 1.6
YA864FS272TGDP60MC391	864(*)	12	72+1# (72 modules shall be arrange in bundle of 12 modules each, separated by binders of different colours)	4 X 1.6

## Specifications

Cable Construction				
Fibre Count	Maximum Allowable Tension	Breaking Load	Cable Diameter	Cable Weight
	Newton	Newton	mm (+ 0.5)	kg/km (+10%)
YA6FS201TGDP60MC391	620	3700	6.0	30
YA12FS202TGDP60MC391	840	3700	7.0	40
YA24FS204TGDP60MC391	1080	3700	8.0	52
YA36FS206TGDP60MC391	1200	5200	8.5	58
YA48FS208TGDP60MC391	1300	5200	9.0	64
YA72FS212TGDP60MC391	1550	5700	10.0	74
YA96FS216TGDP60MC391	1860	5700	11.0	90
YA144FS224TGDP60MC391	2400	6300	13.0	115
YA12FS201TGDP60MC391	740	3700	6.5	35
YA24FS202TGDP60MC391	880	3700	7.5	42
YA36FS203TGDP60MC391	1080	5200	8.0	52
YA48FS204TGDP60MC391	1200	5200	8.5	57
YA72FS206TGDP60MC391	1400	5700	9.5	67
YA96FS208TGDP60MC391	1680	5700	10.5	82
YA144FS212TGDP60MC391	2000	6300	11.0	96
YA288FS224TGDP60MC391	2500	7800	13.5	128
YA432FS236TGDP60MC391	2400	8500	15.6	185
YA576FS248TGDP60MC391	2700	8500	18.0	214
YA720FS260TGDP60MC391	3200	10000	19.5	253
YA864FS272TGDP60MC391	3600	10000	21.0	285

**Note:**

- (1) \* only for duct application (288F to 864 F )
- (2) Width Ring Stripe shall be 2- 3 mm & Large Ring Stripe shall be 6 mm to 11 mm.
- (3) # An extra module shall be provide in Fibre count 432 & above for any contingency in any of module, (module colour shall be Black). This is optional.
- (4) For Duct :- 0.5% Fibre Strain at Specified Tensile Strength as mentioned in above Table  
For Aerial :- 0.3% Fibre Strain at Specified Tensile Strength as mentioned in above Table

## Specifications

Optical Fibre Cable Performance				
MECHANICAL (Test Standard - IEC 60794-1-2)			ENVIRONMENTAL (Test Standard IEC 60794-1-2)	
Tensile Strength	Method E1		Temperature Cycling, Method F1	
Bend Diameter	Method E 11	15 D	Installation	-10°C to +50°C
Kink Diameter	Method E10	10 D	Operation	-30°C to +60°C
Crush	Method E3	2000 N / 100mm	Transport & Storage	-40°C to +70°C
Impact	Method E 4	5 Nm		
Torsion	Method E 7	± 180°		
Water Penetration	Method F5B	1m head, 3m samples, 24 hrs		

All tests shall be carried out as per IEC Standards. Change in attenuation (before and after test) should be < 0.1 dB/Km

## Packing and Lengths

Drum	Length Multiple	Order Tolerance
Wooden	4000 m +/- 5% upto 144F & 2000 m +/- 5% for > 144F	± 5 %

# Large Closures for Higher Fibre Count Splicing

## ODC2 - DOC2

### Patch & splice closures

The Optotec range of splice closures supports splicing only or a patch/splice configuration

Main features are:

- Watertight containers IP68 (IEC 529)
- Suitable for traditional cables and micro cables with ITU-T G.652.D and G.657 fibres.
- ODC2 are splice only closures.
- DOC2 are patch&splices closures.
- A mounting STACK is used to secure SAM HD or SAMX splicing modules within the closure and the internal STACK space can be used as storage for fibre tube loops.
- DOC2 also includes a frame for SC or LC duplex adapters.
- All closures are equipped with an easy to use sealing clamp and silicone gasket to seal the dome to base.
- All Optotec's closures have an RFID system.

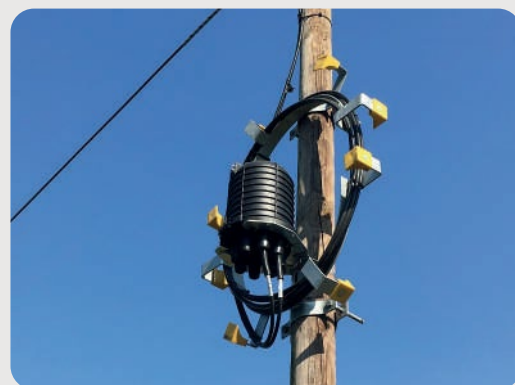


### APPLICATION

- For in line closures, branch joints and pot-head.
- Aerial networks: on pole and on wall.
- Underground networks: inside handholes/manholes.

### TECHNICAL FEATURES

- High quality thermoplastic material - watertight.
- BASE and DOME (IP68, IEC 529) with clamp and O-ring closing system.
- Management Capability of various types of tube cables
- Easy access to the junction area through CLAMP opening equipped with guided locking.
- Area dedicated to midspan cable modules (loop cable).
- Internal STACK can be configurable with SAMX HD modules according to the junction's purpose.
- BASE is suitable for both the heat-shrinking sealing kit and cold sealing kit (BASE A and BASE C).



## ORDERING INFORMATION

PRODUCT LINE	SERIE NAME	CONFIGURATION	BASE TYPE			DOME TYPE			ADAPTERS NO. SC OR LC TYPE
ODC2 Closures	ODC2	SPLICE ONLY	A	B	C	A	B	C	-
	DOC2	PATCH & SPLICE	A	-	-	A	-	-	48

## CLOSURES PATCH & SPLICE CAPACITY

Closures patch & splice capacity depends on adapters, splicing modules quantity and type mounted on the closures. All closures are able to combine different types of **SAMX** modules according to the specific customer needs.

Your STL representative can assist in selecting the correct splice modules and sealing gaskets for your needs.

## COMPONENTS AND CONFIGURATIONS

### Splice only

with DOME A

#### ODC2 AA and ODC2 BA

UP TO 576 FIBRES SPLICE CAPACITY  
WITH 6 **SAMX** HD MODULES

#### DIMENSIONS

Height 390 mm Ø 247 mm

with DOME B

#### ODC2 AB, ODC2 BB and ODC2 CB

UP TO 1344 FIBRES SPLICE CAPACITY  
WITH 4 **SAMX** HD MODULES

#### DIMENSIONS

Height 525 mm Ø 247 mm

with DOME C

#### ODC2 AC and ODC2 CC

UP TO 2112 FIBRES SPLICE CAPACITY  
WITH 22 **SAMX** HD MODULES

#### DIMENSIONS

Height 770 mm Ø 247 mm

### Patch & Splice

#### DOC2 AA

UP TO 288 FIBRES SPLICE CAPACITY  
WITH 3 **SAMX** HD MODULES  
AND UP TO 48 ADAPTERS

#### DIMENSIONS

Height 390 mm Ø 247 mm





#### About STL - Sterlite Technologies Ltd:

STL is one of the industry's leading integrators of digital networks providing All-in 5G solutions. Our capabilities across optical networking, services, software, and wireless connectivity place us amongst the top optical players in the world. These capabilities are built on converged architectures helping telcos, cloud companies, citizen networks, and large enterprises deliver next-gen experiences to their customers. STL partners with service providers globally in achieving a green and sustainable digital future in alignment with UN SDG goals.

STL has a strong global presence in India, Italy, the UK, the US, China, and Brazil.

For more information on STL, visit : [www.stl.tech](http://www.stl.tech)

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