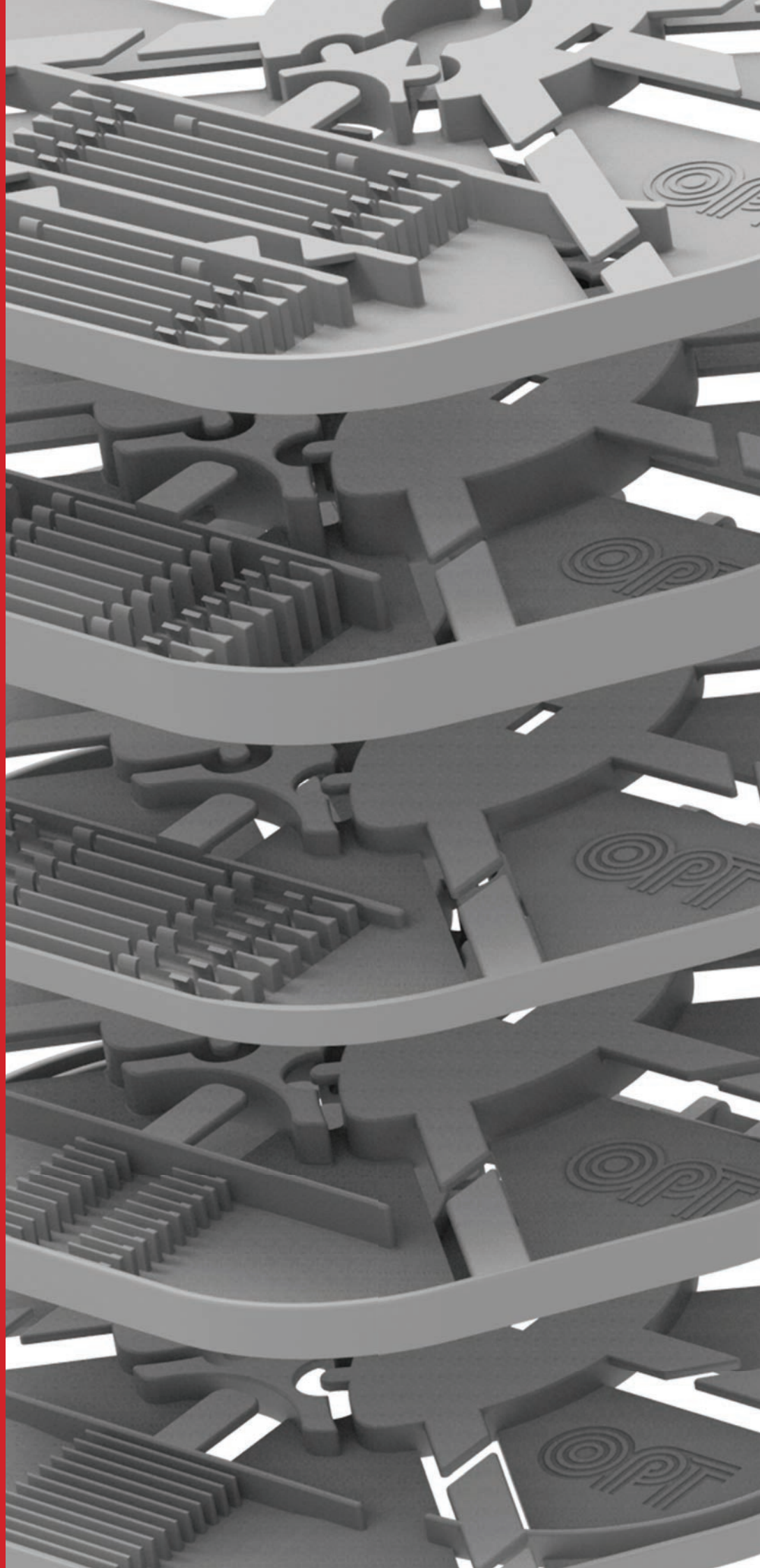


OPTOTECH

OPTICAL TECHNOLOGIES



OPT-B-2017-11

FOCUS SAM SAMR

ENGLISH

FIBRE OPTIC CONNECTING UNIT SYSTEM



Optotec Focus Solutions are a complete approach to fibre management for the FTTH networks. It goes far beyond offering a catalogue of components or individual building blocks. It is a comprehensive set of integrated products, services, and support to ensure the successful and efficient implementation of a fibre network that will serve as a stable communications infrastructure for many years to come. Optotec FOCUS solutions include both a complete end to end products offering and design-through-operation services to ensure an easy fibre managing solution implementation. The broad scope of Optotec's products line allows one-stop shopping.

Fiber optic products for Central Office includes racks, shelves, termination boxes all with cassettes and trays to manage single circuits and single elements solutions. Outside plant products include outdoor cabinets, joint closures (aerial, buried), field installable connectors, patch-cords, splice components, engineering services and training. At the premises end Optotec offers solutions to all typical lay-out; from out-lets terminations to small wall mount boxes, splice fusion protection sleeves, mechanic splices devices, field-mountable connectors, equipments for installation. FBT, PLC and patch-cords filters are completing a wide range of products for all passive solutions.



SPLICE ARRAY MODULES



SAM AND SAMR -HD High Density



Optotec's splicing modules and their trays are essential items on which Optotec's products range is based on. Those products offer a fibre management system featured by on simplicity, accessibility, reliability and future-proof scalability.

There are two different types of Splicing Modules; SAM and SAMR with a Reduced WAP (or base).

Optotec provides its own products, termination boxes, closures, subracks ect. complete of modules, depending on the customer's specific needs.

Splicing modules are composed of a variable number of trays whose typology changes according to their splice protection holder type and capacity.

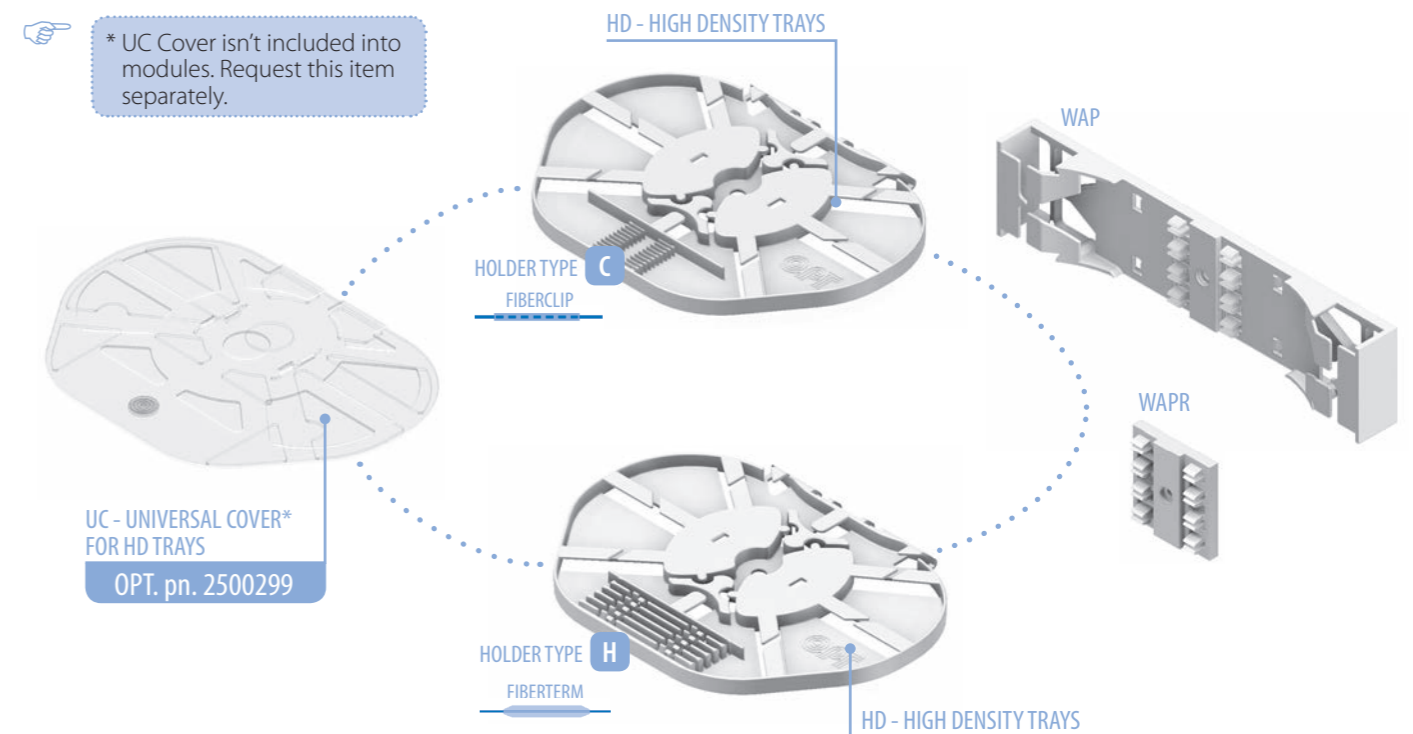
APPLICATION
Fibre management inside OPTOTEC products
Hold and protect the splice

TECHNICAL FEATURES	
Loop-Back facility	Yes
Material	ABS-PC
Flammability Rating	UL-94 V0
Colour*	RAL 7035

* OTHER COLOURS AVAILABLE UPON REQUEST

SAM AND SAMR COMPONENTS

* UC Cover isn't included into modules. Request this item separately.



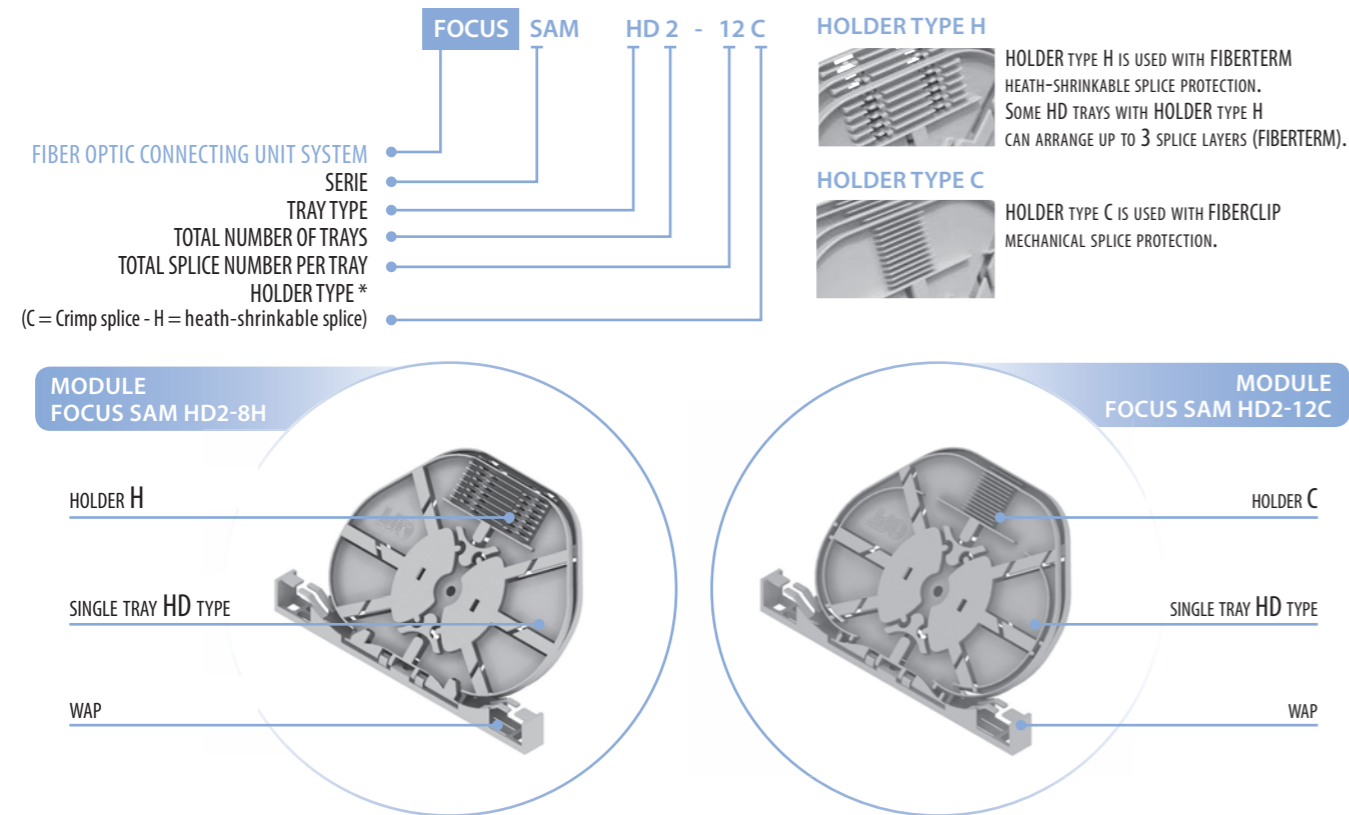
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SAM-HD High Density

SAM High Density modules are a solution which includes trays with Higher Density splices capacity, either for heat-shrinkable splices protections or mechanical splices protections. The High Density of those modules allows to increase the fibre capacity into Optotec products ensuring the correct radius bend and the total control of system fibre management. Those Modules are composed by trays anchored on WAP. High Quality, total modularity and easy installation at any point of the network.

To UNDERSTAND OPTOTEC'S MODULES CONCEPT



HERE BELOW SAM HD MODULES SOLD AND RECOMMENDED BY OPTOTEC

OPT PN	REFERENCE PN	DESCRIPTION
2500098	FOCUS-SAM-HD2-8H	Splice Array Module - 2 High Density trays pack with holder H for Fiberterm (splices per tray: 8 - total splices per module: 16)
2500096	FOCUS-SAM-HD1-24H	Splice Array Module - 1 High Density tray pack with holder H for Fiberterm (splices per tray: 8+8+8 arranged on 3 layers - total splices per module: 24)
2510002	FOCUS-SAM-HD2-12H	Splice Array Module - 2 High Density tray pack with holder H for Fiberterm (splices per tray: 12 - total splices per module: 24)
2500088	FOCUS-SAM-HD2-12C	Splice Array Module - 2 High Density trays pack with holder C for Fiberclip (splices per tray: 12 - total splices per module: 24)
2500091	FOCUS-SAM-HD4-12H	Splice Array Module - 4 High Density trays pack with holder H for Fiberterm (splices per tray: 6+6 arranged on 2 layers - total splices per module: 48)
2500097	FOCUS-SAM-HD6-8H	Splice Array Module - 6 High Density tray pack with holder H for Fiberterm (splices per tray: 8 - total splices per module: 48)
2500092	FOCUS-SAM-HD4-12C	Splice Array Module - 4 High Density trays pack with holder C for Fiberclip (splices per tray: 12 - total splices per module: 48)
2500095	FOCUS-SAM-HD3-24H	Splice Array Module - 3 High Density trays pack with holder H for Fiberterm (splices per tray: 8+8+8 arranged on 3 layers - total splices per module: 72)
2510001	FOCUS-SAM-HD6-12H	Splice Array Module - 6 High Density tray pack with holder H for Fiberterm (splices per tray: 12 - total splices per module: 72)
2500089	FOCUS-SAM-HD6-12C	Splice Array Module - 6 High Density trays pack with holder C for Fiberclip (splices per tray: 12 - total splices per module: 72)
2510004	FOCUS-SAM-HD4-24H	Splice Array Module - 4 High Density tray pack with holder H for Fiberterm (splices per tray: 12+12 arranged on 2 layers - total splices per module: 96)
2500299	FOCUS-UC-UNIVERSAL COVER	1 Universal Cover for 1 High Density tray belonging to series SAM and SAMR

SAM-HD High Density

FIBERTERM SPLICE

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAM	TRAY PER PACK	SPLICE PER TRAY	SPLICE TYPE
16	HD2-8H	2	8	H FIBERTERM
24	HD2-12H	2	12	H FIBERTERM
48	HD6-8H	6	8	H FIBERTERM
72	HD6-12H	6	12	H FIBERTERM

FIBERCLIP SPLICE

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAM	TRAY PER PACK	SPLICE PER TRAY	SPLICE TYPE
24	HD2-12C	2	12	C FIBERCLIP
48	HD4-12C	4	12	C FIBERCLIP
72	HD6-12C	6	12	C FIBERCLIP

FIBERTERM SPLICE - ARRANGED ON 2 LAYERS

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAM	TRAY PER PACK	SPLICE PER TRAY ARRANGED ON LAYERS	SPLICE TYPE
48	HD4-12H	4	2 LAYERS (6+6) total. 12	H FIBERTERM
96	HD4-24H	4	2 LAYERS (12+12) total. 24	H FIBERTERM

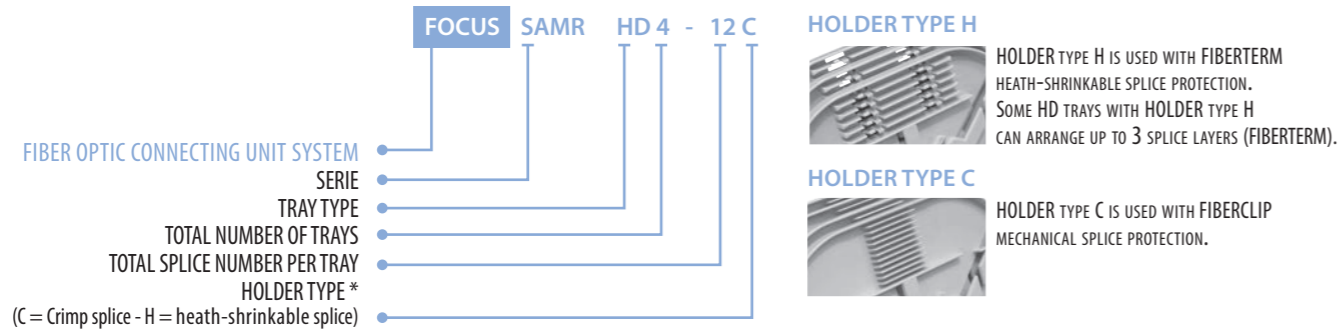
FIBERTERM SPLICE - ARRANGED ON 3 LAYERS

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAM	TRAY PER PACK	SPLICE PER TRAY ARRANGED ON LAYERS	SPLICE TYPE
24	HD1-24H	1	3 LAYERS (8+8+8) total. 24	H FIBERTERM
72	HD3-24H	3	3 LAYERS (8+8+8) total. 24	H FIBERTERM

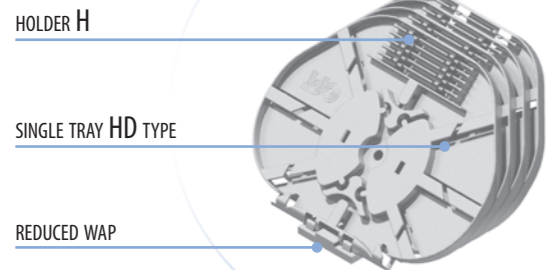
SAMR - HD High Density

SAMR modules consist in organizer trays type HD (High Density) to store the fibres and splices either for heath-shrinkable protections type or mechanical protections type. These trays are mounted on a reduced base that allows to handle many of them into restricted and well protected space. SAMR modules are the perfect solution to manage many splices into compact fiber optics enclosures like microdc closures, NGB1 box etc.

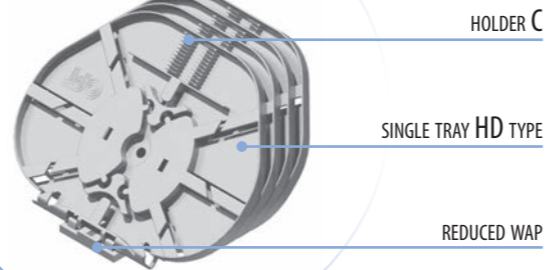
TO UNDERSTAND OPTOTEC'S MODULES CONCEPT



MODULE FOCUS SAMR HD4-12H



MODULE FOCUS SAMR HD4-12C



HERE BELOW SAMR HD MODULES SOLD AND RECOMMENDED BY OPTOTEC

OPT PN	REFERENCE PN	DESCRIPTION
2500078	FOCUS-SAMR-HD6-8H	Splice Array Module Reduced WAP - 6 High Density trays pack with holder H for Fiberterm (splices per tray: 8 - total splices per module: 48)
2500075	FOCUS-SAMR-HD4-12H	Splice Array Module Reduced WAP - 4 High Density trays pack with holder H for Fiberterm (splices per tray: 6+6 arranged on 2 layers - total splices per module: 48)
2500076	FOCUS-SAMR-HD4-12C	Splice Array Module Reduced WAP - 4 High Density trays pack with holder C for Fiberclip (splices per tray: 12 - total splices per module: 48)
2510000	FOCUS-SAMR-HD6-12H	Splice Array Module Reduced WAP - 6 High Density trays pack with holder H for Fiberterm (splices per tray: 12 - total splices per module: 72)
2500079	FOCUS-SAMR-HD6-12C	Splice Array Module Reduced WAP - 6 High Density trays pack with holder C for Fiberclip (splices per tray: 12 - total splices per module: 72)
2500077	FOCUS-SAMR-HD3-24H	Splice Array Module Reduced WAP - 3 High Density trays pack with holder H for Fiberterm (splices per tray: 8+8+8 arranged on 3 layers - total splices per module: 72)
2510005	FOCUS-SAMR-HD4-24H	Splice Array Module Reduced WAP - 4 High Density trays pack with holder H for Fiberterm (splices per tray: 12+12 arranged on 2 layers - total splices per module: 96)
2500299	FOCUS-UC-UNIVERSAL COVER	1 Universal Cover for 1 High Density tray belonging to series SAM and SAMR

SAMR - HD High Density

FIBERTERM SPLICE

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAMR	TRAY PER PACK	SPLICE PER TRAY	SPLICE TYPE
48	HD6-8H	6	8	H FIBERTERM
72	HD6-12H	6	12	H FIBERTERM

FIBERCLIP SPLICE

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAMR	TRAY PER PACK	SPLICE PER TRAY	SPLICE TYPE
48	HD4-12C	4	12	C FIBERCLIP
72	HD6-12C	6	12	C FIBERCLIP

FIBERTERM SPLICE - ARRANGED ON 2 LAYERS

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAMR	TRAY PER PACK	SPLICE PER TRAY ARRANGED ON LAYERS	SPLICE TYPE
48	HD4-12H	4	2 LAYERS (6+6) total. 12	H FIBERTERM
96	HD4-24H	4	2 LAYERS (12+12) total. 24	H FIBERTERM

FIBERTERM SPLICE - ARRANGED ON 3 LAYERS

TOTAL NUM. SPLICES PER MODULE	MODULE TYPE FOCUS SAMR	TRAY PER PACK	SPLICE PER TRAY ARRANGED ON LAYERS	SPLICE TYPE
72	HD3-24H	3	3 LAYERS (8+8+8) total. 24	H FIBERTERM

Notes

ABOUT US

Founded in 1992, Optotec was born with the aim to provide high quality fiber optic products to the European markets. Since 1997, Optotec becomes part of the NTET Group.

Optotec provides a complete range of solutions for the telecommunications and FTTH networks. We are able to offer a variety of products that connect, protect and seal the optical fiber network which includes: Central Office (CO) - racks, sub-racks and passive components; Outside Plant (OSP) - closures, cabinets, pedestals; Customer Premises (CP) - termination boxes and outlets;

as well as other customized products!

Through a combination of strength and leadership in the national market, Optotec became an innovative and cost effective solutions partner for communications infrastructure.

The headquarters in Milan is committed to research and development, manufacturing and customer service support. In addition to the leadership in Italy, Optotec expanded its activity throughout Europe with local partnership, designing and manufacturing customized products based on specific requirements.

WHERE WE ARE

ADDRESS

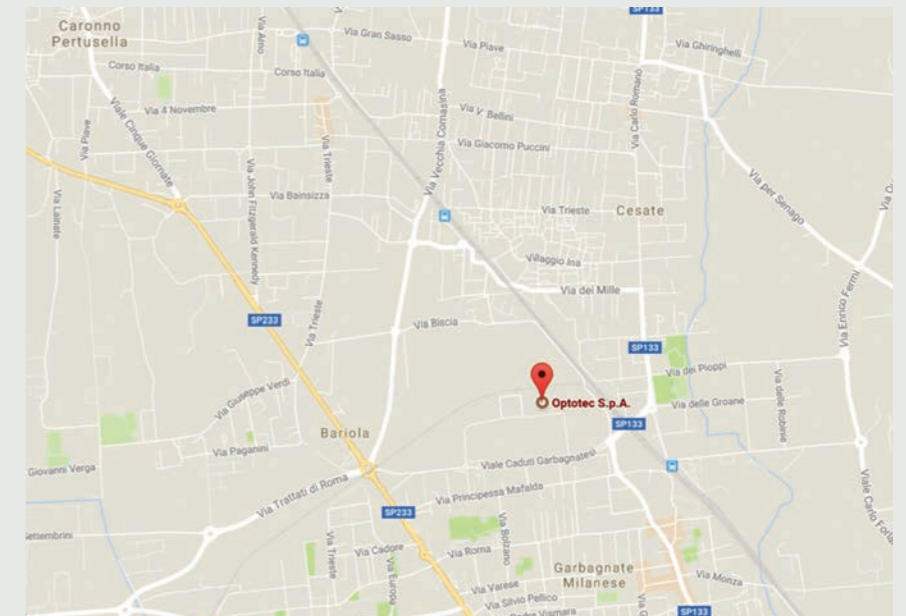
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THE GROUP



is made of Italian companies that mutually cooperate in researching, designing, producing and trading products for the of telecommunications, energy, transport and industry sectors.



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