

OCM Optical Component Module



Optotec Optical Component Modules offer a variety of solutions for incorporating optical components into any telecommunication network. OCMs are designed to store, manage, and protect optical components and circuits into shelves both in Central Office or in the field.

Optotec modules are 19" standard compatible and can be installed in any 3U module mounted into ETSI frames.

Optotec OCMs can integrate any high quality optical components (FBT or PLC splitters, optical filters, WDMs, CWDMs).

Custom configurations and concatenations are available upon request.

Any combination of input/output adapters can be pre-installed.

Each module is being labelled indicating each input and output as well as a schematic of the internal optical components.

The modularity allows to customize network and frame configurations.

All Optotec OCMs are 100% tested prior to shipment and are ready for installation.

KEY FEATURES AND BENEFITS

Manufactured and tested at Optotec Laboratories

Reliable, modular, simple, low cost

Custom configuration and concatenation available

Easy snap-in mounting, detailed labelling

APPLICATIONS

WDMs and CWDMs network upgrading

Network monitoring and billing

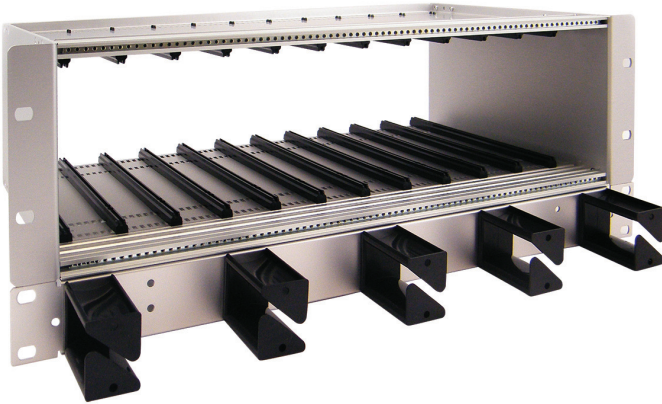
Passive Optical Networks

Data Centre applications

DIMENSION CAPACITY

	1 HU CARRIER	3+1 HU CARRIER
Carrier depth	275 mm (+80 in front)	300 mm (+60/100 in front)
Carrier width	485 mm (19")	485 mm (19")
Carrier weight (w/o Modules)	0,9 kg	
Max. amount of Modules	3	12
Max. amount of ports	36	288
Extention unit required	NO	Optional

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The open chassis 19" 3U allows the cable protection tubes to be fed from the manifold directly to the Compact Module. The anodized aluminium chassis is 84TE and accommodate up to 12 modules.

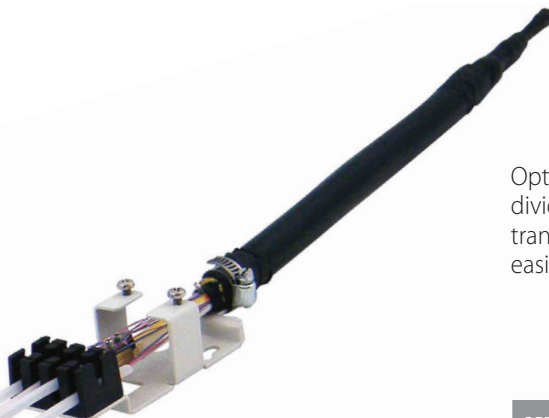
A 1U patchcords horizontal management panel is needed to organize front cables outgoing from OCMs.

OPT. PN	REFERENCE PN	DESCRIPTION
3901710	OPT-OCM-3U-12MOD	Compact subrack 3U 19" for 12 modules
3901711	OPT-OCM-1U	1U 19" panel for cable management

The 1U compact carrier panel can horizontal accommodate three OCMs. Front cables are managed on the screw-mounted horizontal cable guides.



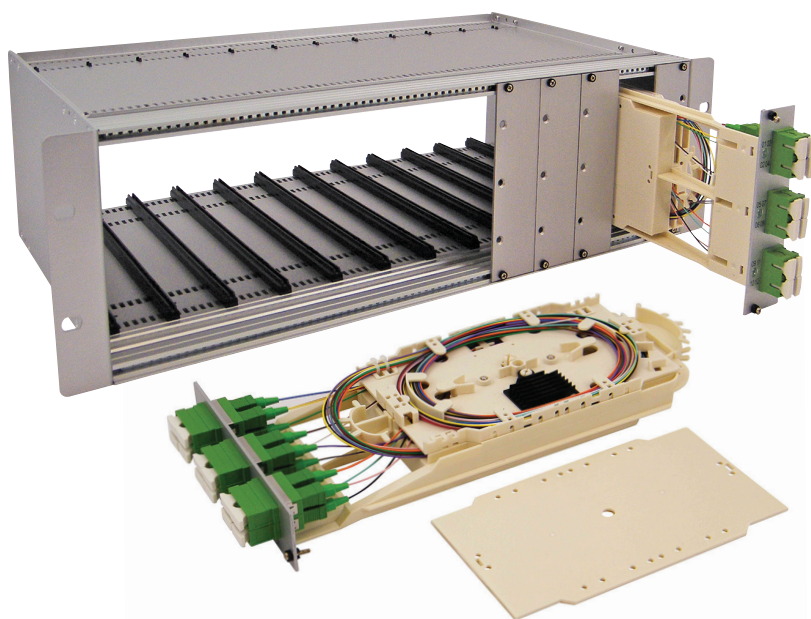
OPT. PN	REFERENCE PN	DESCRIPTION
3901714	OPT-OCM-1U-03MOD	Compact subrack 1U 19" for 12 modules



Optotec propose a 12 ways Manifold to fix, protect and divide main cable into sub-elements suitable to be transported and routed into OCMs. The manifold can be easily assured to rack rails by nuts.

OPT. PN	REFERENCE PN	DESCRIPTION
3901713	OPT-OCM-MANIFOLD-12	12 way cable tubes splitter

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Plug&Play System

Optical Compact Modules are suitable plug&play solutions for high density fibre network Data Centers as they can easily be installed and reconfigured.

With Optotec OCM solution, installation is fast and easy, and emergency restoration is minimized.

Optotec can provide trunk cables factory terminated to the required length with MPOs, ready to be plugged into the back of OCM module and splitted into present standard connectors in the front for individually through to other point of the central office.

OPTOTEC PN	REFERENCE PN	DESCRIPTION
EQUIPPED OCM MODULES with Adapter and Pigtails SM/UPC		
3901720	OPT-OCM-7TE-PS12-S0	OCM Module, 12 SCsx SM adapter+ 12SC/UPC Pigtails G657A
3901721	OPT-OCM-7TE-PS6-2S0	OCM Module, 6 SCdx SM adapter+12SC/UPC Pigtails G657A
3901722	OPT-OCM-7TE-PS12-F0	OCM Module, 12 FCsx SM round adapter + 12 FC/UPC Pigtails G657A
3901723	OPT-OCM-7TE-PS24-2L0	OCM Module, 12 LCdx SM adapter + 24, LC/UPC Pigtails G657A
3901724	OPT-OCM-7TE-PS12-12E0	OCM Module, 12 E-2000™ sx SM adapter screwed,+12 E-2000™/UPC Pigtails G657A
EQUIPPED OCM MODULES with Adapter and Pigtails SM/APC		
3901716	OPT-OCM-7TE-PS12-S2	OCM Module, 12 SCsx SM adapter+ 12SC/APC Pigtails G657A
3901715	OPT-OCM-7TE-PS6-2S2	OCM Module, 6 SCdx SM adapter+12SC/APC Pigtails G657A
3901717	OPT-OCM-7TE-PS12-F2	OCM Module, 12 FCsx SM round adapter + 12 FC/APC Pigtails G657A
3901718	OPT-OCM-7TE-PS24-2L2	OCM Module, 12 LCdx SM adapter + 24, LC/APC Pigtails G657A
3901719	OPT-OCM-7TE-PS12-12E2	OCM Module, 12 E-2000™ sx SM adapter screwed,+12 E-2000™/APC Pigtails G657A
EQUIPPED OCM MODULES with Adapter and Pigtails MM/PC OM2		
3901725	OPT-OCM-7TE-PS12-SM	OCM Module, 12 SCsx OM2 adapter+ 12SC/PC Pigtails G50/OM2
3901726	OPT-OCM-7TE-PS6-2SM	OCM Module, 6 SCdx OM2 adapter+12SC/PC Pigtails G50/OM2
3901727	OPT-OCM-7TE-PS12-FM	OCM Module, 12 FCsx OM2 round adapter + 12 FC/PC Pigtails G50/OM2
3901728	OPT-OCM-7TE-PS12-TM	OCM Module, 12 STsx OM2 round adapter + 12 ST/PC Pigtails G50/OM2
3901729	OPT-OCM-7TE-PS24-12LM	OCM Module, 12 LCdx OM2 adapter + 24, LC/PC Pigtails G50/OM2
EQUIPPED OCM MODULES MPO/MTP		
3901730	OPT-OCM-7TE-MPO-12S0	OCM Module, assembled 1MPO/MTP to 12 SC/UPC sx +1 fanout kit
3901731	OPT-OCM-7TE-MPO-12L0	OCM Module, assembled 1MPO/MTP to 12 LC/UPC dx +1 fanout kit
3901732	OPT-OCM-7TE-MPO-12S2	OCM Module, assembled 1MPO/MTP to 12 SC/APC sx +1 fanout kit
3901733	OPT-OCM-7TE-MPO-12L2	OCM Module, assembled 1MPO/MTP to 12 LC/APC dx +1 fanout kit

OM1 (MM 62.5/125µm), OM3 (aqua), OM4 (erika violet) modules are available upon request. Crimp splice protections holders are available upon request.

E-2000™ is manufactured under licence of DIAMOND SA, CH LOSONE