

FTTH EQUIPMENT

OPTICAL TERMINATION OR BRANCH OUTLET
Gf-Teilnehmeranschlussdose LCAPC, 1F

PRODUCT + BENEFITS

- + **High range of input diameters : from 2.4 to 8.1 mm for cables and SNR**
- + **1 up to 4 LC/APC couplers**
- + **Multiple ways of mounting**
- + **The mounting zone is separated from the fiber storage and splicing zone**



Gf-TA simplex, 1F

PRESENTATION

The OMELCOM Optical Termination or Branch Outlet (OTBO) can be either used as :

- A FTTH network termination point, constituting the physical and legal separation between the operator's network and the customer's living unit
- A FTTH branch point for dual-dwelling units sharing the same SpeedNet duct for the incoming network cable

The double usage is made possible by changing the position of the LC/APC coupler to enable or avoid its accessibility once the outlet is closed.

The development of the OTBO was carried on always keeping in mind that the product must be easy to use. This is how we came up with the idea of separating the mounting zone from the zone where the fibers are manipulated. Indeed, the lower part of the outlet is dedicated to all the mounting options leaving the fibers out of the way while drilling and screwing. As for the fibers, they are all gathered on a dedicated zone to make the installation and the maintenance easy.

We also know that the mounting options are important to our customers. The OTBO outlet can be mounted in every possible situation. It has holes spaced specifically for wall boxes mounting, and two additional holes to be screwed directly on the wall. Unlike most of the usual outlets it can also be mounted on DIN rails in 4 different directions and the back surface is adapted to adhesive tape wall mounting.

Once mounted, the back part is designed to offer 5 different paths for the input cable to answer to all possible situations.

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OPTICAL TERMINATION OR BRANCH OUTLET Gf-TA & Gf-AP XS

PERFORMANCES

	VALUE	REFERENCE
Outlet	Dimensions : 90 x 110 x 29,5 mm Color : RAL 9010 Material : UV resistant Material fire behavior : HB Protection against intrusion : IP42	TS 8100 19 v1.2 RAL EN ISO 4892-3 Method B UL94 EN 60529
Mounting options	<ul style="list-style-type: none"> - Wall by screwing (2 screws and pegs are included in the product) - Wall by adhesive tape - Wall box - DIN rail (horizontal position) 	-
Cable paths	<ul style="list-style-type: none"> - 3 inputs on the right, left and top side for cables up to \varnothing 4.2 mm - 1 inputs on the back for cables up to \varnothing 4.2 mm (for the wall box mounting option) - 1 input at the bottom for larger cables and SpeedNet ducts up to \varnothing 7 mm or for oval cables up to 7 x 8,1 mm 	-
Couplers	<ul style="list-style-type: none"> - 2 positions for LC simplex or LC duplex couplers - Couplers can be mounted in 2 positions inside or outside to prevent accessibility once the outlet is closed - Optical performance of the couplers : Grade B - Mechanical laser safety and touch protection mechanism - Color green RAL 6024 	- - EN 61755-2-2 - RAL
Pigtails	<ul style="list-style-type: none"> - LC/APC 8° plug ; Grade B1 ; RL \geq 60 dB - G657A2 fiber 	IEC 61754-20 ITU-T G657
Splices capacity	Storage for 4 crimp splice protectors	-

ORDERING INFORMATION

Omelcom part number	Part name	Unit packaging	Over packaging	Palet
MT026	Gf-Teilnehmeranschlussdose LCAPC, 1F	BOX OF 10 PARTS	BOX OF 60 PARTS	2160 PARTS

Always aiming to satisfy its customers and to upgrade its products' performances, OMELCOM may modify the described technical specifications without previous notice.