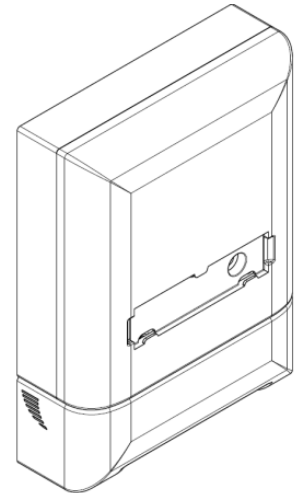


Wall boxes plastic Optical Telecommunication Outlet (OTO)

Description

Characteristics

- Easy-to-install optical telecommunication outlet composed of an outlet body, cover, adapter panel and aluminium fixation plate
- Integrated fiber management for low-bend fibers acc. G.657 with a secondary coating of 600µm
- Supporting of up to 2 adapters with SC-shape (LC, SC, LX.5)
- Adapters, respectively connector interfaces are dust and laser protected
- Radius protected fiber over length management, min. bending radius of 15mm
- Up to 4 crimp- or fusion splices, storage of heatshrink or sandwich splice protection
- Moulded break out points for all side cable entry
- Serial switching of several outlets possible
- Screwed cover, screw can optional sealed
- Possibility of cover labelling
- Colour pure white



The OTO is an optical telecommunication outlet box, designed for low bend fibers and it is used to connect up to four optical fibers to the passive-optical interface in the living area (Fiber to The Home). Running as a flat surface mount, low profile and attractive timeless design it allows a smooth integration into existing connection areas. By having a fixation plate, surface installation as well as recessed mounting is practicable. Cable entry points are from each side of the OTO possible, which gives you a high flexibility by doing the in home installation. The internal fiber management allows an adequate fiber over length, whether for pig-tails splicing, FiTH preassembled cables or even for field termination connectors. Crimp splices (e.g. Fibrlok or RECORDsplice), shrink or sandwich splice protectors are kept safely into the corresponding holders. The optical interface can be chosen between SC simplex or LC duplex. The adapters are equipped with a laser protection. The OTO also offers dust-proof caps for unused connector ports. The housing cover is fixed with a 'child-lock' screw and can be sealed. On the top cover is also a label option given.

Technical data

Construction

Description	Values	
Dimensions (W x L x H)	80 x 80 x 28 mm	3.14 x 3.14 x 1.10 inch
Capacity of optical Connectors	4x LC duplex or LX.5, 2x SC simplex	
Mounting nature of Adapters	flange, snapped-in	
Dimensions (Ø) of cable entry to break out	5.0mm	1.9 inch
Minimum bending radius	14mm	0.55 inch
Material: cover / base / adapter plate	Polycarbonate, PC	
Mounting plate	Aluminium	
Color: enclosure (cover / base)	RAL 9010, pure white	
Ingress protection degree (EN60529)	IP20	

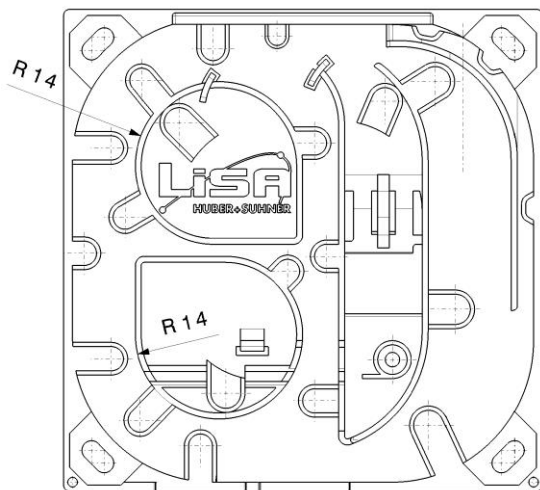
Wall boxes plastic Optical Telecommunication Outlet (OTO)

Mechanical and environmental data

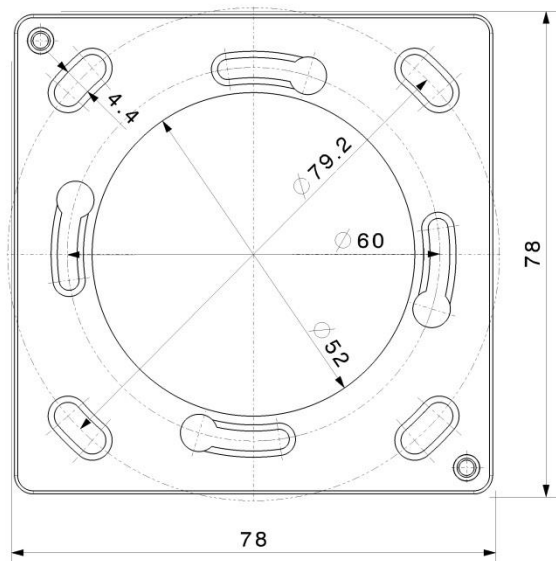
Description	Values
Flamability rating	UL 94V-0
Free of halogen	yes
Chemical Resistance	good
RoHS compliance	fully compliant

Technical data cable gland

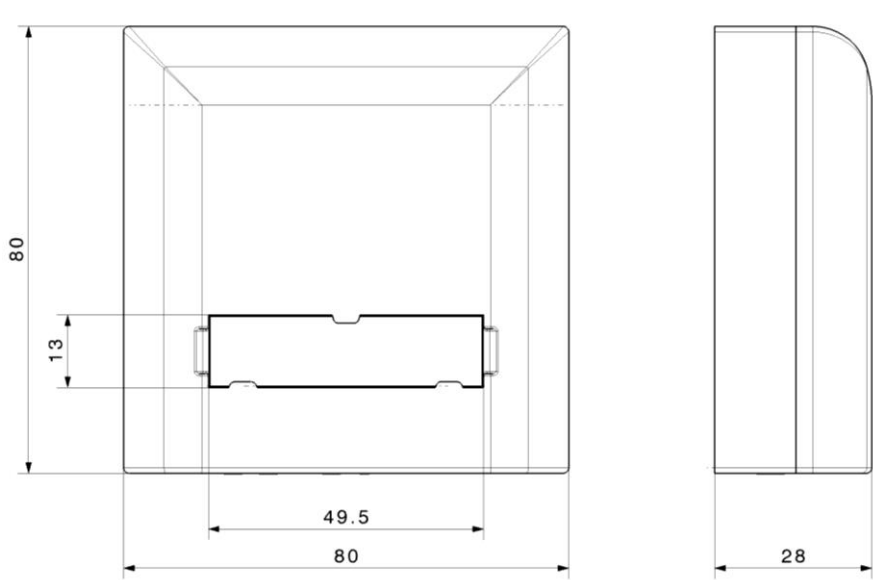
Outlet body



Mounting plate



Cover



Wall boxes plastic Optical Telecommunication Outlet (OTO)

Ordering information

Description	Item number
OTO empty	84110518

Related documents

Installation manual	DOC-0000349706
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