

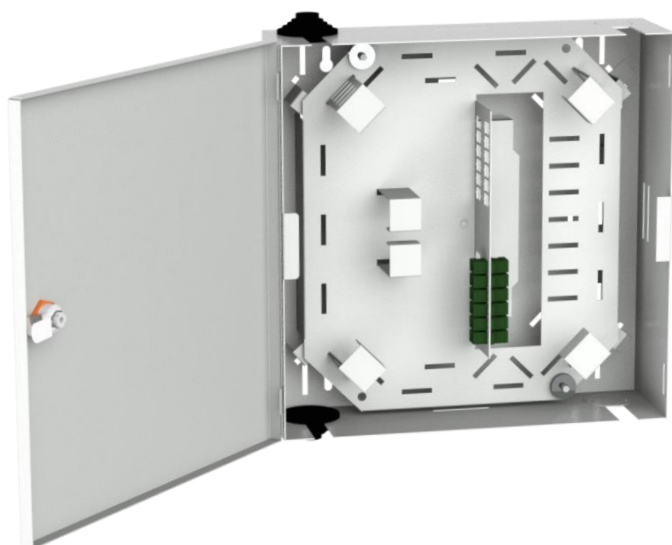


Optical Access Wall Box PDW SC duplex series with removable insert

A wall-mounted fiber optic box with removable insert used in FTTx indoor optical access networks, mainly in multi-level buildings as an intermediate distribution point. It ensures the connection of optical fibers between individual fibers from vertical cabling to subscribers.



visualization of the closed PDW series wall box



visualization of the open PDW series wall box

features:

- optical access box provides a compact wall mounted solution for fiber optic network inside the building, ensures the connection between individual fibers from vertical cabling to subscribers,
- possibility of mounting connector standards: SC duplex, LC quad,
- optical distribution box equipped with a single removable door locked with a key, key code depending on preferences can be repeatable or different,
- commutation field, has permanent numbering applied by screen printing,
- comes with dust proof cable entries on the top and bottom of the box,
- possibility of installing mini metal box on the splice cassette,
- possibility of installation loose tube cables without having to disrupt the service (mid-span splicing),
- separate space for line cable tubes overlength,
- the possibility of removing the insert to increase the comfort of installation,
- compact dimensions allow for aesthetic installation of the existing cable installation,
- Magnelis® sheet is the only metallic coating certified for use in a C5 environment, which provides durability and protection against corrosion.

elements of equipment:

- cable ties,
- velcro tapes,
- 2x central strength member holder (FRP rod),
- 2x rubber grommets,
- fiber splice cassettes (acc. to configuration),
- mounting kit (4x wall anchors).

standards and certificates:

- flammability class V0 acc. UL 94,
- PN-EN 60529 - ingress protection degree IP 41,
- PN-EN 62262 - impact protection degree IK 10,
- REACH Regulation No 1907/2006/EC,
- RoHS 2011/65/UE.

The manufacturer reserves the right to make modifications and improvements to the product. Therefore, the products shown in the illustrations and photographs may differ slightly from the actual state.



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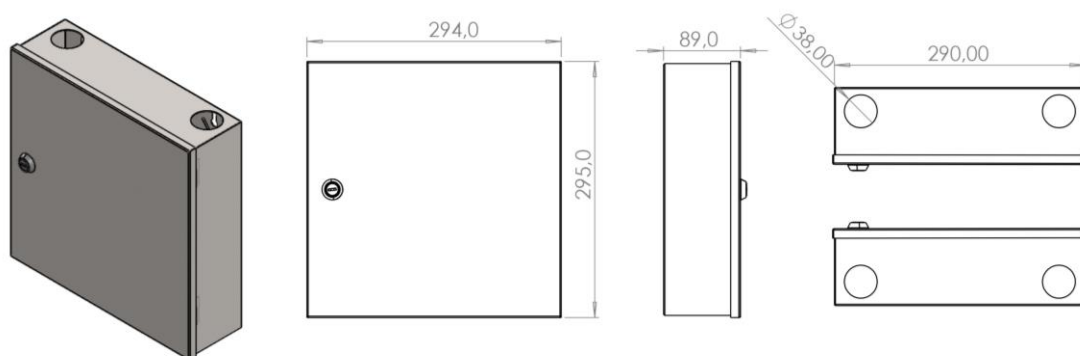
technical specifications:

PDW	18
dimensions [width x height x depth][mm]	300 x 300 x 100
number of SC duplex ports	18
connector standards	SC duplex, LC quad
type of fiber splice cassette	KS-03-24
splice cassette capacity [F]	24
max. number of fiber splice cassettes	2
max. splice capacity [F]	48
recommended length of pigtails [m]	2 – 2.5
type of cable entry	stepped rubber grommet
diameter of cable entry [mm]	ø 38
number of cable entries	4 (2x top / 2x bottom)
mid-span access	YES
central strength member holder (FRP rod)	YES
mounting type	indoor, wall-mounted
temperature resistance [°C]	from -40 to +70
ingress protection degree IP	IP 41
impact protection degree IK	IK 10
flammability class	V0 acc. UL 94
weight [kg]	~3.5
material	powder painted Magnelis® sheet
available colors	RAL7035



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technical drawings:



order information:

CODE	DESCRIPTION
PDW-300/300/100-18-SCD-2K3-S-R7035	Optical access wall box with removable insert PDW-300/300/100-18-SCD, 18 ports SC duplex, 2 splice cassettes with cover, 300x300x100mm (WxHxD), Magnelis®, structured, RAL7035