

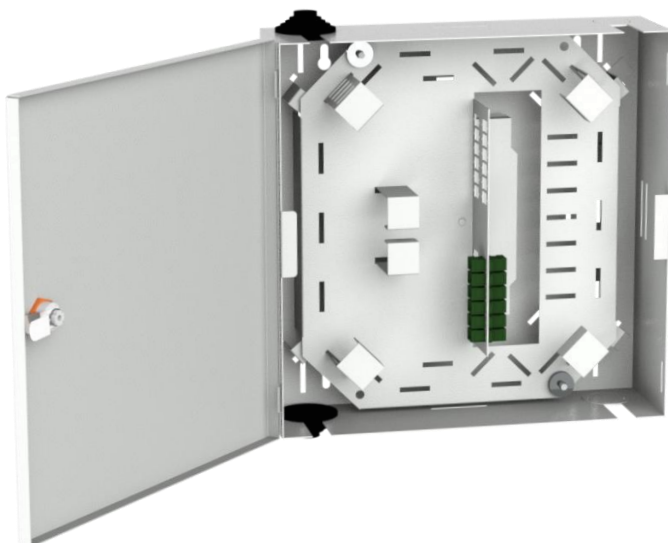


## Optical Access Wall Box PDW SC duplex series with removable insert

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:

- velcro tapes,
- 1x central strength member holder (FRP rod),
- fiber splice cassettes (acc. to configuration).

### 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.*



## Optical Access Wall Box PDW SC duplex series with removable insert

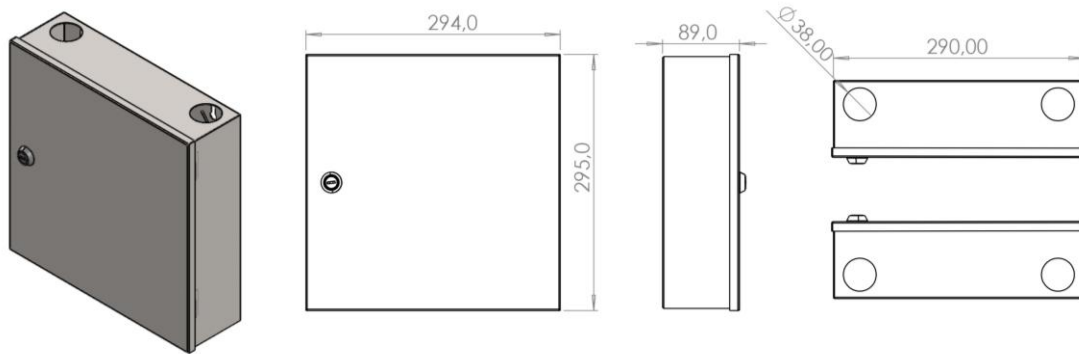
### technical specifications:

| 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]             | ∅ 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                        |



## Optical Access Wall Box PDW SC duplex series with removable insert

### technical drawings:



### order information:

| CODE                               | DESCRIPTION   |
|------------------------------------|---|
| PDW-300/300/100-18-SCD-0K3-S-R7035 | Optical access wall box with removable insert PDW-300/300/100-18-SCD, 18 ports SC duplex, without splice cassettes, 300x300x100mm (WxHxD), Magnelis®, structured, RAL7035 |