Fiber Optic Joint Closure

NCD 507 550 - For up to 576 Splices

Features

- Unique support for all kind of cabling solutions;
  - air-blown fiber in microducts
  - micro cables
  - drop cables
  - traditional cables
- Extremely high capacity, up to 576 splices
- Compact, lightweight and robust design
- Mid-span storage for distribution cable
- Can be installed directly into ground or in concrete manhole
- Optional swing-up arm facilitates installation and expansion

Design

The closure consists of an outer polymer dome, a base plate an internal bracket equipped with splice trays, microduct and cable holders. Microducts or drop cables (up to Ø 5 mm) are securely arranged in the microduct holders. A water blocking microduct stub-duct is required for installation of microducts (optional).

The closure is delivered with 24 fiber organizers. Each organizer handles up to 24 single splice sleeves.

The base plate has one oval port for mid-span (uncut) cables and six round ports for cables or microduct assemblies. The optional micro cable entrance kits allows for up to 8 micro cables to be inserted in the oval port and up to 4 micro cables in each round port. The total capacity when using 5mm microducts in the round ports is 96.

Application

This fiber joint closure is used as a branch out splicing point in fiber access networks. A typical application is to splice fibers from a distribution cable towards drop fiber connections to end users. The closure can also be used as a straight joint for traditional cables or micro cables. The cabinet is designed for air-blown fibers in microducts, drop cables, micro cables and traditional fiber optic cables.
Typical Data

Material
The outer cabinet is made of black high crush resistant polymer. The internal bracket is made of metal.

Size and Weight
Weight ......................................... 4 kg
Dimensions ................................... 280x520 mm

IP Rating
IP68,3 m

Ordering Information

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCD 507 550</td>
<td>Complete Closure with Splice Trays and Heat Shrink Sealing's for Cables</td>
</tr>
</tbody>
</table>

Accessories/Spare Parts

<table>
<thead>
<tr>
<th>PRODUCT NUMBER</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDM 110 16/1</td>
<td>Round Micro Cable Entrance Kit for up to 4 Micro Cables Pack of 10</td>
</tr>
<tr>
<td>NDM 110 17/1</td>
<td>Oval Micro Cable Entrance Kit for up to 8 Micro Cables Pack of 5</td>
</tr>
<tr>
<td>NSD 515 201</td>
<td>Swing-up Arm for installation in Manholes</td>
</tr>
</tbody>
</table>