



# Duct Branch Closure – Compact

**Divisible Closure, for 1-8 Branches**

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## Features

- Branches up to 4 or 8 single ducts from a tight protected microduct assembly
- Mid-span capability
- Easy re-enterable closure for incremental duct connection
- Heavy duty plastic material for direct buried applications
- Small size, fits constrained manholes
- Sealed according to IP 68
- Tested according to IEC 61300

## Application

The Duct Branch Closure is intended for fast and easy branching of direct buried microduct assemblies for air blown fibers in the Hexatronic system. The typical application is to branch out 1 to 4 or 8 drop ducts to connect single family units from a main duct assembly. The Duct Branch Closure minimizes installation cost by eliminating the need for time consuming fiber splicing in various branch points. The closure is intended for mounting directly into the ground or in manholes, but can also be installed above ground.

## Design

The Duct Branch Closure consists of two tube halves that seals towards duct entrance rubber disc in each end using snap lock mechanisms. The discs have smaller holes for direct buried single ducts and a larger adjustable hole for different microduct assemblies, allowing a number of possible joint combinations.

Microducts inside the assembly are branched out in the closure and connected towards single ducts using microduct connectors (not included). The rubber disks have 10mm holes for branching off direct buried single ducts and 1 x 19.3–38 mm adjustable hole for direct buried duct assemblies with 4, 7, 12, 19 and 24 microducts (5 mm system). Entrance holes that are not used are sealed with rubber plugs.

## Product Information

The housing is made of heavy duty plastic with excellent mechanical strength and chemical resistance. Locking mechanisms, multi-duct strain relief etc. are made of acid proof stainless steel. The seals and other rubber parts are EPDM. All materials are RoHS approved.

## Technical Information

**IP Rating**

IP68

## Articles 2

Article name	Color	Layout	Dimensions [mm]	Weight [kg]
<b>Duct Branch Closure Underground, 4 drops</b> 3/NDE451200	Black	4x10	300 × 100 × 100	1.7
<b>Duct Branch Closure Underground 4+8</b> 3/NDE451200/1	Black	8x10	–	1.7