



Microduct Assembly 3/2 mm Duct Install

TND 3/2 mm 12-24 -way

Features

- For duct installation
- 3/2 mm microducts
- Extends indoor 3/2 mm ducts to outdoor environment
- Small and discrete design
- Minimal cross section minimizes the need of large drilling holes
- 12 or 24 over-sheathed ducts
- Low friction inner surface for maximum installation lengths

Application

This series of duct assemblies consist of ultra slim microducts made of halogen free, flame retardant material. The slim design enables installation virtually in any existing conduits. The assemblies consist of a number of Microducts with an inner low friction, antistatic surface that enables installation of air blown fibers.

Design

The duct assemblies are available in several versions from 12 to 24 microducts . Each microduct has an outer/inner diameter of 3/2.1 mm. The microducts and duct assemblies including the outer sheath are made of halogen-free polymer. The outer sheath is UV-resistant.

Product Information

Microducts and sheath: Halogen-free, flame-retardant polyethylene

Technical Information

Temperature, Operation [°C]	-20 to +60
Temperature, Storage [°C]	-20 to +60
Temperature, Installation [°C]	-20 to +50
Conformance	<p>Abrasion: IEC 60794-1-2-E2B(1)</p> <p>Kink: IEC 60794-1-2-E10, 20 x outer diameter</p> <p>Impact: IEC 60794-1-2-E4</p> <p>Crush: IEC 60794-1-2-E3</p> <p>Tensile: IEC 60794-1-2-E</p> <p>Bend: IEC 60794-1-2-E11A</p> <p>Torsion: IEC 60794-1-2-E</p> <p>Flexibility: IEC 60794-1-2-E8</p> <p>Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
Marking	<p>Duct assemblies have markings showing the tube length.</p> <p>The individual microducts are numbered.</p>

Articles 6

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
Microduct 12x3/2.1 DI 8/MPB30310/12	Black	12x3/2.1	150	600	1.6	3	13.4 × 12.1	67
Microduct 12x3/2.1 DI, 1000 m 8/MPB30310/12-1	Black	12x3/2.1	150	600	1.6	3	13.4 × 12.2	67
Microduct 12x3/2.1 DI, 500 m 8/MPB30310/12-2	Black	12x3/2.1	150	600	1.6	3	13.4 × 12.1	67
Microduct 24x3/2.1 DI 8/MPB30310/24	Black	24x3/2.1	230	1100	2.3	2	19.4 × 14.8	117
Microduct 24x3/2.1 DI, 1000 m 8/MPB30310/24-1	Black	24x3/2.1	230	1100	2.3	2	19.4 × 14.8	117
Microduct 24x3/2.1 DI, 500 m 8/MPB30310/24-2	Black	24x3/2.1	230	1100	2.3	2	19.4 × 14.8	117