

Microduct Assembly 3/2 mm Indoor – Standard Grade

FRD 3/2 mm 1-24 -way SG

Features

- For indoor installation
- Small or discrete design
- Minimal cross section minimizes the need of large drilling holes
- 3/2 mm microducts
- Halogen-free, flame-retardant, standard grade
- 1, 7, 12 or 24 over-sheathed ducts
- Low friction inner surface for maximum installation lengths

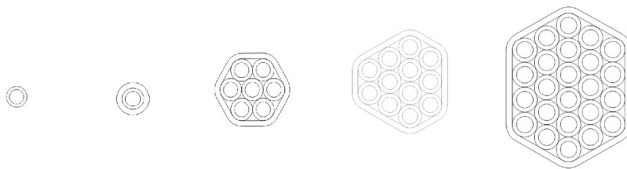
Application

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 risers in Multi Dwelling Units. 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 1 to 24 microducts . Each microduct has an outer/inner diameter of 3/2.1 mm. The outer sheath is made of halogen-free, flame-retardant polymer. One unsheathed single duct version for minimal cross section is available for installation in existing external protective microducts or sheaths.

Product Information



Microducts: Polyethylene

Sheath: Halogen-free polyolefin

Technical Information

Temperature, Operation [°C]	-20 to +60
Temperature, Storage [°C]	-20 to +60
Temperature, Installation [°C]	-20 to +50
Reaction to Fire	IEC60332-1

Conformance

Abrasion: IEC 60794-1-2-E2B(1)

Kink: IEC 60794-1-2-E10, 20 x outer diameter

Impact: IEC 60794-1-2-E4

Crush: IEC 60794-1-2-E3

Tensile: IEC 60794-1-2-E

Bend: IEC 60794-1-2-E11A

Torsion: IEC 60794-1-2-E

Flexibility: IEC 60794-1-2-E8

Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D

Flammability: IEC60332-1

Marking

Duct assemblies have markings showing the tube length.

The individual microducts are numbered.

Installation Notes

Flammability according to IEC60332-1 refers to sheathed empty ducts and sheathed ducts installed with typical versions of Hexatronic blown fiber units.

Unsheathed 1-duct is not flame retardant and shall be installed in flame retardant cable channel.