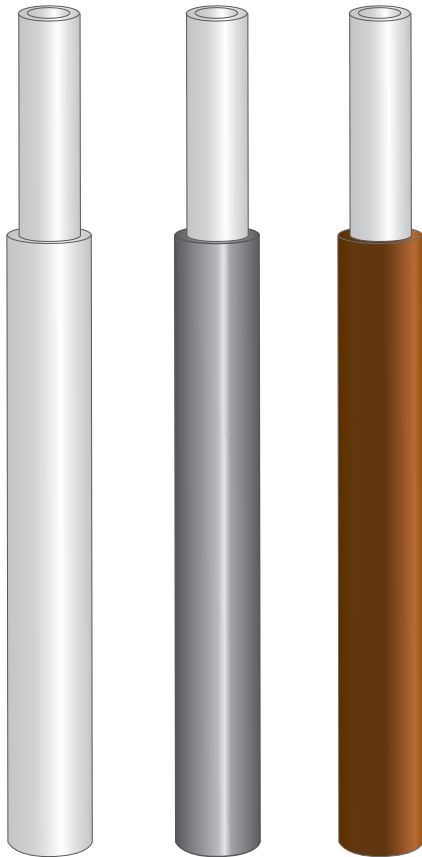


Duct Assemblies for Indoor and Outdoor Use – MPB 302 52

5/3.5 mm



Features

- Sheathed duct for indoor and outdoor use
- Outer sheath UV resistant for outdoor facade installation
- Inner microduct, flame retardant for installations indoor
- Halogen-free, flame-retardant
- Low friction inner surface for maximum installation lengths
- Excellent environmental properties

Application

The indoor/outdoor tight protected microduct consist of a halogen free, flame retardant inner duct with a removable, UV resistant outer sheath. This design makes it possible to install the duct outdoors on facades. Sections of the duct can also be installed indoors by simply removing the outer sheath, exposing the flame retardant inner duct.

The microduct can be mounted onto facades with cable clamps (7mm). The microducts are optimized for best performance in combination with the Hexatronic Stingray air blown fiber.

Design

The microducts are made of halogen-free, flame-retardant polymer. The microducts are white with a colored outer sheath that blends in with different types of facades. Color options for the sheath are white, grey and brown. The inner flame retardant microduct has an outer/inner diameter of 5/3.5 mm and is colored white.



Duct Assemblies for Indoor and Outdoor Use – MPB 302 52

Typical Data

Temperature range
 Operation-40 to +60°C
 Storage-40 to +60°C
 Installation-20 to +50°C

Material

PE, Halogen-free, flame-retardant polyolefine.

Delivery Information

Supplied lengths500 m

Conformance

Abrasion..... IEC 60794-1-2-E2B method 1
 Kink..... IEC 60794-1-2-E10, 20 x outer diameter
 Impact IEC 60794-1-2-E4
 Crush..... IEC 60794-1-2-E3, 450 N
 Tensile..... IEC 60794-1-2-E1
 Bend IEC 60794-1-2-E11
 Torsion..... IEC 60794-1-2-E7
 Flexibility IEC 60794-1-2-E8

Inner tube

Flammability IEC60332-3-24, IEC60332-1*
 Smoke dens IEC61034-2
 Smoke vol..... ASTM E662
 Acidity/Halogen contents..... IEC60754-1/-2
 Toxicity DEFSTAN02713

* Refers to empty ducts or ducts installed with typical versions of air-blown fiber units.
 For a complete list of all valid combinations of fiber and duct, please contact Hexatronic.

Ordering Information

TYPE	PRODUCT NUMBER	DIAMETER OUTER SHEATH (MM)	MICRODUCT, DIMENSIONS (MM)	WEIGHT (G/M)	OUTER SHEATH, COLOR
1-way, extra protected, White	5/MPB30252/1	7.0	5/3.5	32	White
1-way, extra protected, Grey	9/MPB30252/1	7.0	5/3.5	32	Grey
1-way, extra protected, Brown	10/MPB30252/1	7.0	5/3.5	32	Brown