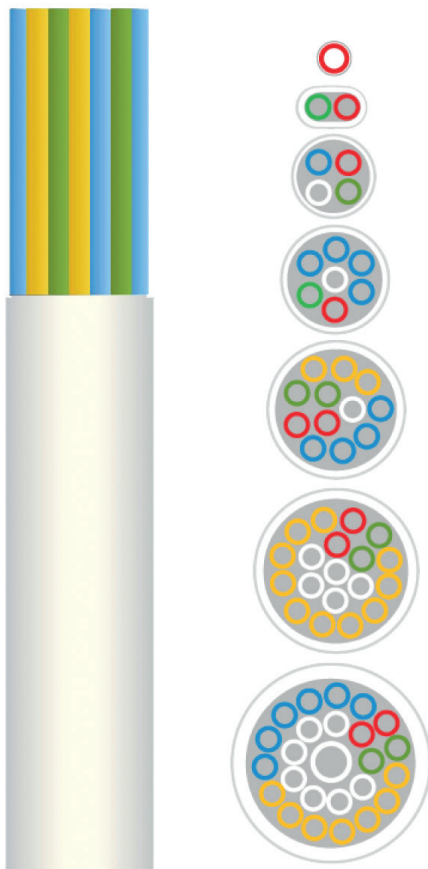


Indoor Duct Assemblies, Standard Grade – MPB 302 09+



Features

- Halogen-free, flame-retardant
- 1, 2, 4, 7, 12, 19 and 24 sub-duct options
- Low friction inner surface for maximum installation lengths
- Excellent environmental properties

Application

The series MPB 302 09+ are indoor tight protected duct assemblies where moderate requirements on flame propagation according to IEC 60332-1 are required.

The assemblies consist of a number of microducts with an inner low friction, antistatic surface that enables installation of air-blown fiber.

The microducts and duct assemblies are made of halogen-free polymer. The outer sheath is of flame-retardant material. The microducts are optimized for best performance in combination with the Hexatronic Stingray air blown fiber.

The ducts are designed for various indoor applications and designed to meet the requirements in IEC60332-1.

Design

The duct assemblies are available in seven versions with 1 to 24 sub-ducts (microducts). Each microduct has an outer/inner diameter of 5/3.5 mm.

Marking

Duct assemblies have markings showing the tube length. The individual microducts are numbered.

* For indoor ducts specified according to IEC60332-3-24, see product information 28701-MPB3020+. For indoor ducts specified according to UL 1666 Riser Cable Flame Test, OFNR, see product information 28701-MPB30208+.



Indoor Duct Assemblies, Standard Grade – MPB 302 09

Typical Data

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

Material

Microducts Halogen-free HDPE
 Sheath Halogen-free, flame-retardant polyolefine.








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
 Bend IEC 60794-1-2-E11A
 Torsion IEC 60794-1-2-E7
 Flexibility IEC 60794-1-2-5-20
 Flammability IEC60332-1-2

Delivery Information

Supplied lengths 500, 1000, 2000 m

Ordering Information

TYPE	PRODUCT NUMBER	DIAMETER OUTER SHEATH (MM)	WEIGHT (G/M)	MIN BEND RADIUS* (MM)	MAX PULLING FORCE** (N)
1-way, extra protected 	MPB 302 51/1	8.0	60	50	400
2-way 	MPB 302 09/2	12.2x7.2	90	50	250
4-way 	MPB 302 09/4	12.2x12.2	120	200	400
7-way 	MPB 302 09/7	17.2	160	240	600
12-way 	MPB 302 09/12	22.5	240	310	1000
19-way 	MPB 302 09/19	26.5	330	360	1700
24-way 	MPB 302 09/24	32.2	440	500	2100

* Temporarily, unloaded, permanent (one turn) and during installation

** During installation