

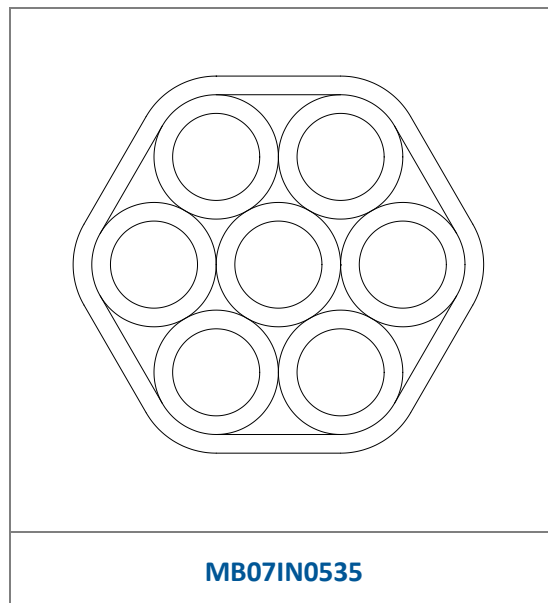
APPLICATION

The Brand-Rex MicroBlo range of Indoor Protected MicroDucts offer up to 19 ducts in a single construction. The range has been designed to facilitate the installation of Brand-Rex MicroBlo Air Blown Fibre Cables to provide access into a building.

Brand-Rex MicroDucts are available in a variety of constructions including Indoor, Indoor, Flat Burial and Indoor to suit a wide range of installation environments.

FEATURES AND BENEFITS

- Up to 19 individual ducts numbered for identification - options for high density and/or future proofed installations
- Range of duct sizes - for compatibility with Brand-Rex MicroBlo Cables
- Standard low friction Halogen Free Flame Retardant Low Smoke (HFFR-LS) duct for optimised blowing performance and superior installation distances
- HFFR-LS outer sheath
- Included in the Brand-Rex 25 Year System Warranty - when used in conjunction with Brand-Rex fibre connectivity



STANDARDS

Applicable Cable Standards: IEC 60794-5-10

Test Standards: IEC 60794-1-21 and IEC 60794-1-22

CONSTRUCTION IDENTIFICATION

Construction Identifier**	IN
Construction Description	Indoor - over sheathed individual ducts suitable for internal installations
MicroDuct Material	HFFR-LS
Sheath Material	HFFR-LS
Flammability Rating	IEC 60332-1-2
Smoke Emission	IEC 61034-1 & 2
Acid Gas Emission	IEC 60754-2
Colour	White

PHYSICAL CHARACTERISTICS

MicroDuct Type	No of MicroDucts	Nom Outer Duct Diameter (mm)	Nom Inner Duct Diameter (mm)	Nom Overall Diameter (mm)	Nom.Weight (kg/km)
Indoor IN	1	5.0	3.5	5.0	10
	2			11.5 x 6.5	41
	4			13.6	65
	7			16.5	109
	12			21.5	182
	19			26.5	262
	1	10.0	8.0	10.0	29
	2			21.5 x 11.5	103
	4			25.6	182
	7			31.5	319
	12			41.5	440
	1	12.0	10.0	12.0	40
	2			25.5 x 13.5	133
	4			30.0	230
7	37.5			376	

MECHANICAL CHARACTERISTICS

MicroDuct Type	No of MicroDucts	Duct Size (mm)	Max Short Term Load (N)	Min Bend Radius Installed (fixed) (mm)	Min Bend Radius during Installation (mm)
Indoor IN	1	5.0/3.5	100N x No of MicroDucts	10 x Overall Diameter	20 x Overall Diameter
	2				
	4				
	7				
	12				
	19				
	1	10.0/8.0	280N x No of MicroDucts		
	2				
	4				
	7				
	12				
	1	12.0/10.0	340N x No of MicroDucts		
	2				
	4				
7					

TEMPERATURE PERFORMANCE

MicroDuct Type	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
Indoor IN	-40°C to +70°C	-40°C to +70°C	-10°C to +50°C

MicroBlo Indoor Protected MicroDucts

Datasheet: G102482v1



PRINT LEGEND

Example print legend:

BRAND-REX MICROBLO PROTECTED MICRODUCTS HCA[ID number] MB07IN0535 7-WAY 5MM INDOOR [Week/Year] [Batch number] [Length Mark]M

PACKAGING INFO

Available on request

PART NUMBER CONFIGURATOR

MB - a - IN - bc

a = Number of MicroDucts*
e.g. "07" for 7-Way

b = Microduct Outer Diameter
e.g. "05" for 5.0mm

c = Microduct Inner Diameter
e.g. "35" for 3.5mm

Example part number: MB07IN0535

"Brand-Rex is dedicated to designing, developing and manufacturing sustainable high performance structured cabling and speciality cabling solutions"

The information contained in this document is valid and correct at the time of issue. Brand-Rex reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.