

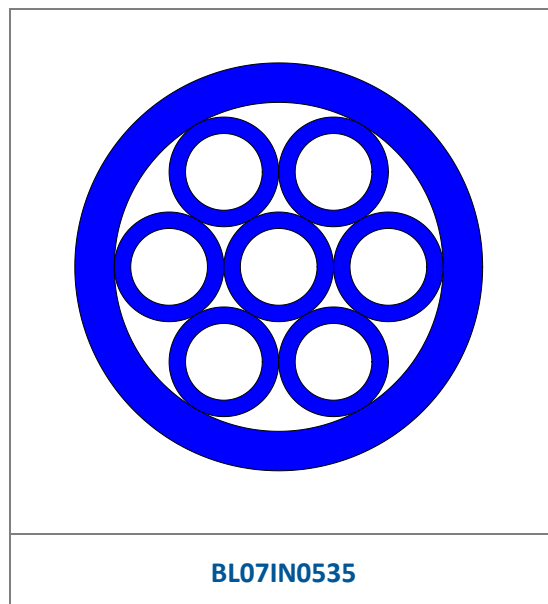
APPLICATION

The Brand-Rex Blolite range of Internal MicroDucts offers up to 19 ducts in a single construction. The range has been designed to facilitate the installation of Brand-Rex Blolite single Blown Fibre for internal applications.

Brand-Rex Blolite MicroDucts are available in a variety of constructions including Indoor and Direct Install to suit a wide range of installation environments.

FEATURES AND BENEFITS

- Up to 19 Blue individual ducts numbered for identification - options for high density and/or future proofed installations
- Range of duct sizes - for compatibility with Brand-Rex Blolite Fibres
- Standard low friction Polyolefin or Halogen Free Flame Retardant Low Smoke (HFFR-LS) duct for optimised blowing performance and superior installation distances
- HFFR-LS outer sheath
- Included in the Leviton and Brand-Rex 25 Year System Warranties when used in conjunction with Leviton or Brand-Rex copper connectivity. System warranties available for qualified projects installed by certified contractors.



STANDARDS

Applicable Cable Standards: IEC 60794-5-20
Test Standards: IEC 60794-1-21 and IEC 60794-1-22

CONSTRUCTION IDENTIFICATION

Construction Identifier**	IN03	IN05 and IN08
Construction Description	Internal - over sheathed individual ducts suitable for internal installations	
MicroDuct Material	Polyolefin	HFFR-LS
Sheath Material	HFFR-LS	
Flammability Rating	IEC 60332-1-2	
Acid Gas Emission	IEC 60754-2	
Colour	Blue	

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)
Internal IN	1	3.0	2.1	5.0	29
	4			9.3	67
	7			11.7	89
	12			15.2	126
	19			17.7	165
	1	5.0	3.5	5.0	15
	2			7.5 x 13.0	100
	4			15.2	157
	7			18.6	203
	12			24.0	280
	19	29.6	415		
	1	8.0	6.0	8.0	50
	2			10.5 x 19.0	173
	4			23.0	305
	7			27.6	384
12	36.0			598	

MECHANICAL CHARACTERISTICS

MicroDuct Type	No of MicroDucts	Duct Size (mm)	Max Short Term Load (N)	Min Bend Radius Installed (mm)	Min Bend Radius during Installation (mm)
Internal IN	1	3.0/2.1	70	25	75
	4		150	50	100
	7		400	60	120
	12		500	100	200
	19		1000	135	270
	1	5.0/3.5	50	25	154
	2		300	40	262
	4		500	128	294
	7		700	180	354
	12		1150	350	468
	19	1650	410	554	
	1	8.0/6.0	120	40	214
	2		600	80	262
	4		1000	180	440
	7		1500	270	534
12	1500		360	718	

Blolite Internal MicroDucts

Datasheet: GD102483v3

Brand-Rex | a **LEVITON**
company

TEMPERATURE PERFORMANCE

MicroDuct Type	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
Internal IN	-20°C to +60°C	-40°C to +70°C	-10°C to +70°C

PRINT LEGEND

Example print legend:

[Length Mark]m BRAND-REX a LEVITON company BLOLITE PROTECTED MICRODUCTS BL07IN0535 7-WAY 5MM INDOOR
MADE IN UK [Batch Number] [Week/Year]

PACKAGING INFO

Available on request

PART NUMBER CONFIGURATOR

BL - 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: BL07IN0535

"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.