

APPLICATION

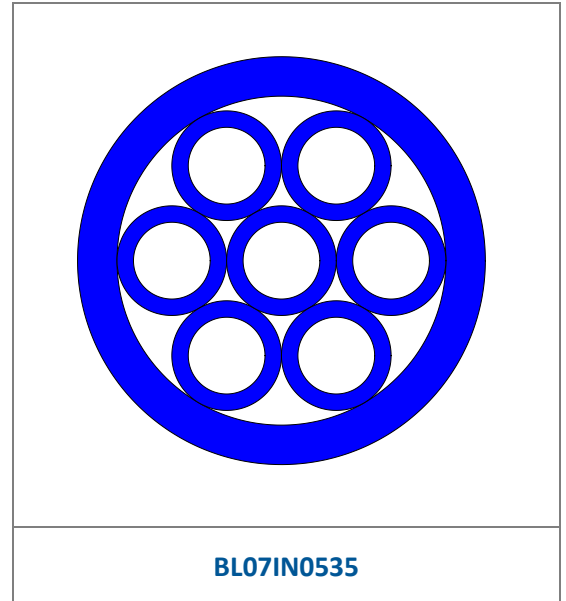
Leviton Blolite Internal MicroDucts offer up to 19 ducts in a single construction. The range has been designed to facilitate the installation of Leviton Blolite single-blown fiber for internal applications.

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 Leviton Blolite Fibers
- Standard low friction Polyolefin or HFFR-LS* duct for optimized blowing performance and superior installation distances
- HFFR-LS outer sheath
- Included in the Leviton Limited 25-Year System Warranties when used in conjunction with Leviton connectivity. System warranties available for qualified projects installed by certified contractors

*Halogen Free Flame Retardant – Low Smoke



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	
Color	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: GD102483v4



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

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

COUNTRY OF ORIGIN

COO: United Kingdom

"Leviton is dedicated to designing, developing and manufacturing sustainable high performance structured cabling and specialty cabling solutions"

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