

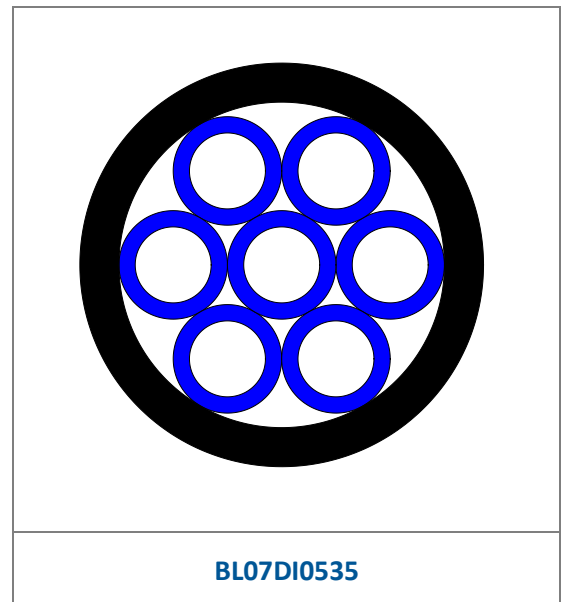
## APPLICATION

The Brand-Rex Blolite range of Direct Install 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 Direct Install 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 Halogen Free Flame Retardant Low Smoke (HFFR-LS) duct for optimised blowing performance and superior installation distances
- Polyethylene 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**	<b>DI</b>
Construction Description	<b>Direct Install</b> - over sheathed individual ducts suitable for Direct Install 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	Black

# Blolite Direct Install MicroDucts

Datasheet: GD102484v2



## 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)
Direct Install IN	1	5.0	3.5	7.5	31
	2			7.5 x 13.0	85
	4			15.2	124
	7			18.6	180
	12			24.0	281
	19			29.6	402
	1	8.0	6.0	10.5	58
	2			10.5 x 19.0	152
	4			23.0	226
	7			27.6	345
12	36.0			548	

## 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)
Direct Install IN	1	5.0/3.5	50	40	168
	2		300	60	268
	4		500	180	310
	7		700	250	368
	12		1150	310	484
	19		1650	370	568
	1	8.0/6.0	120	80	228
	2		600	95	262
	4		1000	280	454
	7		1500	380	548
12	1500		540	732	

## TEMPERATURE PERFORMANCE

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

## PRINT LEGEND

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Example print legend:

BRAND-REX BLOLITE PROTECTED MICRODUCTS BL07IN0535 7-WAY 5MM OUTDOOR [Week/Year] [Batch Number]  
[Length Mark]M

## PACKAGING INFO

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Available on request

## PART NUMBER CONFIGURATOR

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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

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*"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.