

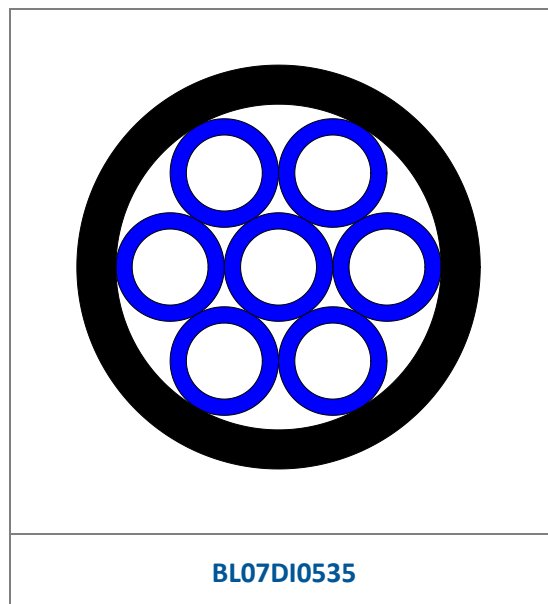
APPLICATION

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**	DI
Construction Description	Direct Install - 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

Example print legend:

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

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.