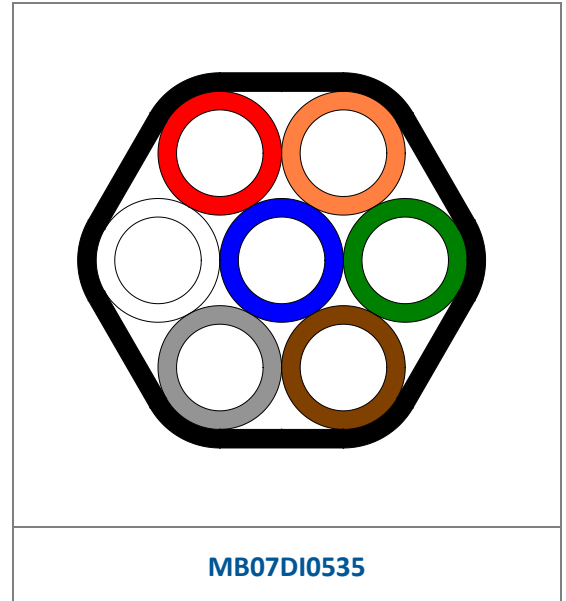


APPLICATION

The MicroBlo range of Direct-Install Protected MicroDucts offers up to 19 ducts in a single construction. Leviton MicroDucts are available in direct-install and direct-burial constructions with multiple tube counts to suit a wide range of installation environments.

FEATURES AND BENEFITS

- Up to 19 individual ducts colored for identification - options for high density and/or future proofed installations
- Range of duct sizes for compatibility with Leviton MicroBlo cables
- Low friction polyethylene duct for optimized blowing performance and superior installation distances
- High-density polyethylene 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



STANDARDS

Applicable Cable Standards: IEC 60794-5-10

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
MicroDuct Material	Polyethylene
Sheath Material	HDPE - Polyethylene
Flammability Rating	N/A – External Only
Smoke Emission	N/A – External Only
Acid Gas Emission	N/A – External Only
Color	Black

MicroBlo™ Direct-Install Protected MicroDucts

Datasheet: GD102481v5



PHYSICAL CHARACTERISTICS

MicroDuct Type	No of MicroDucts	Nom Outer Duct Diameter (mm)	Nom Inner Duct Diameter (mm)	Nom Overall Diameter (mm)	Nom.Weight <i>M</i> (kg/km)
Direct-Install DI	1	5.0	3.5	5.0	9.5
	2			11.5 x 6.5	36
	4			13.6	60
	7			16.5	96
	12			21.5	160
	19			26.5	230
	1	10.0	8.0	10.0	27
	2			21.5 x 11.5	84
	4			25.6	160
	7			31.5	280
	12			41.5	414
	1	12.0	10.0	12.0	34
	2			25.5 x 13.5	110
	4			30.0	200
	7			37.5	320

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)
Direct-Install DI	1	5.0/3.5	135N x No of MicroDucts	10 x Overall Diameter	20 x Overall Diameter
	2				
	4				
	7				
	12				
	19				
	1	10.0/8.0	380N x No of MicroDucts		
	2				
	4				
	7				
	12				
	1	12.0/10.0	465N x No of MicroDucts		
	2				
	4				
	7				

TEMPERATURE PERFORMANCE

MicroDuct Type	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
Direct-Install DI	-40°C to +70°C	-40°C to +70°C	-10°C to +50°C

PACKAGING INFO

Available on request

PART NUMBER CONFIGURATOR

MB - a - DI - 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: MB07DI0535

*"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.