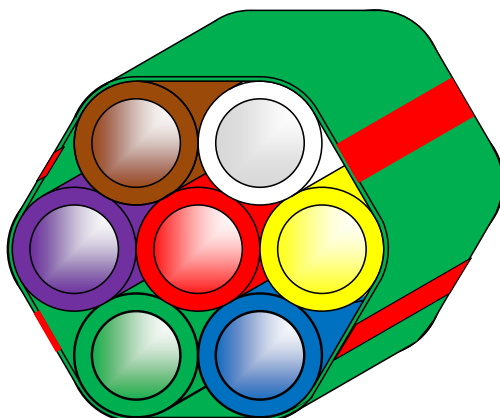


CIF EaseNet^{XS} DB microducts 7 and 14 mm

Prysmian Part Numbers: See below



The EaseNet^{XS} bundles of “self protecting” HDPE direct buried 14 mm and 7 mm microducts are used in the feeder part of OSP networks.

The EaseNet^{XS} bundles of thick-walled microducts are designed for direct burying and have superior blowing characteristics to assure the very best blowing performance. Without the need for a protective duct, EaseNet^{XS} microducts can be branched off easily. A further benefit is that instead of complex microduct management boxes, this solution uses simple direct buried type connectors to branch off microducts into the distribution & drop part of the network. The branched microduct is suitable for direct-buried application.

Features and Benefits

- Superior characteristics for blowing cables in microducts
- High pressure resistant
- Blowing parameters stable for > 15 years
- Designed for direct buried installation
- Minimum cost of ownership
- Short installation time
- Minimum number of additional components
- No closures needed for branching or jointing of microducts

Kit Contents

Drum with microduct bundle or single microduct.

Additional Items

- Direct buried microduct connectors

Technical Data

Mechanical characteristics

DB Microducts

• Microduct outer diameter		7 mm	14 mm
• Bending radius	At installation	> 20 x O.D.	> 20 x O.D.
	Installed	> 20 x O.D.	> 20 x O.D.
• Inner diameter		≥ 3.9 mm	≥ 9.8 mm
• Outer diameter	Tolerance	+/- 0.1 mm	+/- 0.1 mm
• Tensile strength	@ minimum 85% of I.D.	> 375 N	> 1000 N
• Crush resistance	@ minimum 85% of I.D., 60 s	> 1000 N/10 cm	> 1000 N/10 cm
• Hydrostatic test		> 16 bar	> 16 bar
• Temperature	Transport and storage	-10°C to +50°C	-10°C to +50°C
	Installation	-10°C to +50°C	-10°C to +50°C
	Operation	-20°C to +60°C	-20°C to +60°C

BUNDLES of DB microducts

• Bending radius	At installation	> 20 x O.D.	> 20 x O.D.
	Installed	> 20 x O.D.	> 20 x O.D.
• Outer diameter		1x 7 mm	2x 30 mm
		4x 19 mm	3x 32 mm
		7x 23 mm	4x 35 mm
		12x 30 mm	7x 44 mm
		24x 44 mm	
• Outer sheath thickness		≥ 0.6 mm	≥ 0.6 mm
• Tensile strength @ minimum 85% of I.D.		1x > 350 N	2x > 2000 N
		4x > 1400 N	3x > 3000 N
		7x > 2450 N	4x > 4000 N
		12x > 4200 N	7x > 7000 N
		24x > 8400 N	
• Crush resistance @ minimum 85% of I.D., 60 s		> 1000 N/10 cm	> 1000 N/10 cm
• Temperatures	Transport and storage	-10°C to +50°C	-10°C to +50°C
	Installation	-10°C to +50°C	-10°C to +50°C
	Operation	-20°C to +60°C	-20°C to +60°C
• Sheath marking	Abrasion resistance	We refer to application note AN-2017-01 v1	

Identification

Microduct bundles upto 7 microducts												
Microduct	1	2	3	4	5	6	7					
Colour	RED	WHITE	YELLOW	BLUE	GREEN	VIOLET	BROWN					
Microduct bundles 12 and 24 microducts												
Microducts 1-12												
Microduct	1	2	3	4	5	6	7	8	9	10	11	12
Colour	RED	WHITE	YELLOW	BLUE	GREEN	VIOLET	BROWN	BLACK	ORANGE	TURQUOISE	PINK	GREY
Marking	1	1	1	1	1	1	1	1	1	1	1	1
Microducts 13-24												
Microduct	13	14	15	16	17	18	19	20	21	22	23	24
Colour	RED	WHITE	YELLOW	BLUE	GREEN	VIOLET	BROWN	BLACK	ORANGE	TURQUOISE	PINK	GREY
Marking	2	2	2	2	2	2	2	2	2	2	2	2

Marking at 1 meter intervals:

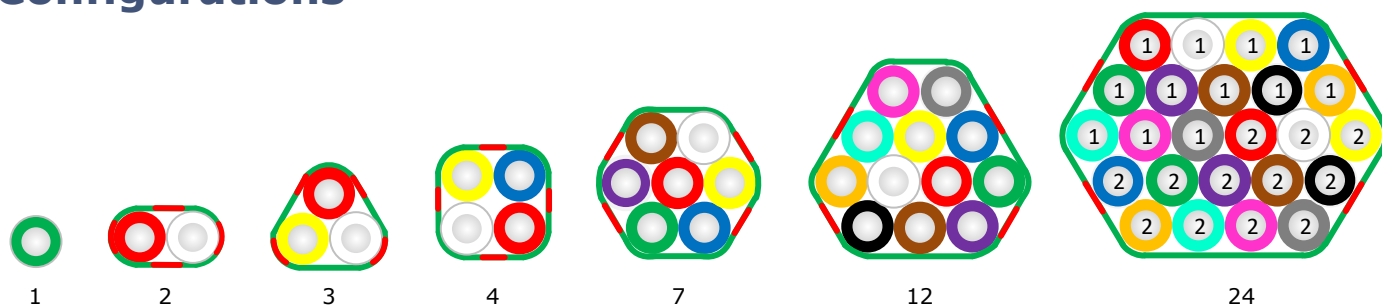
DB Microduct single: Draka EaseNetXS – microduct type – batchcode – length

DB Microduct in bundles: Draka – length and every 10 cm the microduct number

Sheath of bundles: **CIF “Bundle type” DRAKA EASENET XS “Batch code” “length marking” “production year”**

Sheath colour: Green RAL 6018 with Red Stripes RAL 3020 (Except the 1x7/4mm duct)

Configurations



Part numbers DB Microducts

Bundle type	Sheath colour	Standard length	Part number	Drum size
1x 7/4 mm	Green RAL6018	5000 m	XBFS02055	1800 x 1080 mm
4x 7/4 mm	Green RAL6018	1100 m	XBFS02056	1250 x 730 mm
7x 7/4 mm	Green RAL6018	1850 m	XBFS02057	1800 x 1080 mm
12x 7/4 mm	Green RAL6018	1750 m	XBFS02058	1800 x 1080 mm
24x 7/4 mm	Green RAL6018	950 m	XBFS02059	1800 x 1080 mm
2x 14/10 mm	Green RAL6018	1400 m	XBFS02060	1800 x 1080 mm
3x 14/10 mm	Green RAL6018	2000 m	XBFS02061	1800 x 1080 mm
4x 14/10 mm	Green RAL6018	1300 m	XBFS02062	1800 x 1080 mm
7x 14/10 mm	Green RAL6018	700 m	XBFS02063	1800 x 1080 mm

Logistics

• Packing

Length tolerance +/- 1 %

Sealing of duct ends End caps

• Storage

Microducts and bundles of microducts are not UV-resistant.

Drums shall be stored indoor or fully covered with a protective UV-resistant foil.

Please contact your local sales office listed on www.prysmiangroup.com

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