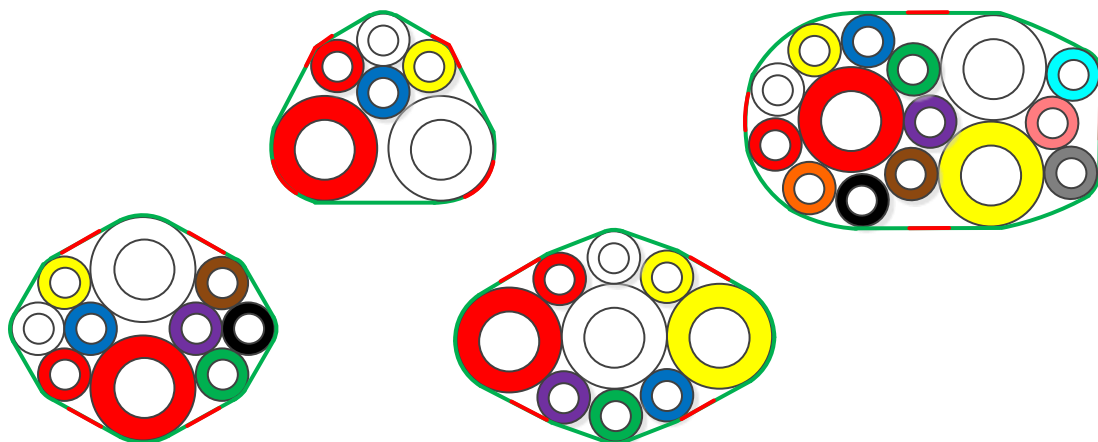


CIF EaseNet^{XS} combined 14 mm and 7 mm DB microducts

Prysmian Part Numbers: See below



The EaseNet^{XS} "self protecting" HDPE DB microducts are used in a combined feeder and distribution OSP FttH network.

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. All microduct are suitable for direct-buried application.

Features and Benefits

- Combined feeder and distribution direct buried microduct system
- 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.

Additional Items

- Direct buried microduct connectors

Technical Data

Mechanical characteristics

MICRODUCTS

• Bending radius	At installation	> 20 x O.D.
	Installed	> 20 x O.D.
• Inner diameter		14 mm: ≥ 9.8 mm 7 mm: ≥ 3.9 mm
• Outer diameter		14 mm -0.0/+ 0.1 mm 7 mm -0.0/+ 0.1 mm
• Tensile strength	@ minimum 85% of I.D.	14 mm: > 1000 N 7 mm: > 350 N
• Crush resistance	@ minimum 85% of I.D., 60 s	> 1000 N/10 cm
• Hydrostatic test		> 16 bar
• Temperature	Transport and storage	-10°C to +50°C
	Installation	-10°C to +50°C
	Operation	-20°C to +60°C

BUNDLE

• Bending radius	At installation	> 20 x O.D.
	Installed	> 20 x O.D.
• Outer sheath thickness (nom)		≥ 0.6mm
• Crush resistance	@ minimum 85% of I.D., 60 s	> 1000 N/10 cm
• Temperatures	Transport and storage	-10°C to +50°C
	Installation	-10°C to +50°C
	Operation	-20°C to +50°C
• Sheath marking	Abrasion resistance	We refer to application note AN-2017-01 v1

Identification

Microducts 14 mm				
Microduct	1	2	3	4
Colour	RED	WHITE	YELLOW	BLUE

	Microducts 7 mm											
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

Sheath marking at 1 meter intervals:

Microduct: Draka EaseNetXS – microduct type – batchcode – length

Sheath: **CIF A x 14/10 + B x 7/4 mm DRAKA EASENET XS “Batch code” “length” “production year”**

A = Number of 14/10 mm microducts

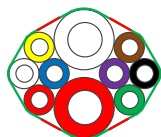
B = Number of 7/4 mm microducts

Sheath colour: Green RAL 6018 with Red Stripes RAL 3018

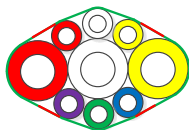
Configurations



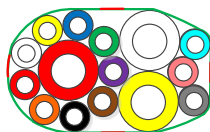
2x14/10 + 4x7/4 mm



2x14/10 + 8x7/4 mm



3x14/10 + 6x7/4 mm



3x14/10 + 12x7/4 mm



Logistics

- Packing

Length tolerance +/- 1 %

Sealing of duct ends End caps

- Storage

Bundles of microducts are not UV-resistant. Drums shall be stored indoor or fully covered with a protective UV-resistant foil.

Part numbers

Part number	Bundle type	Dimensions	Length	Drum size
XBFSC02037	2x14/10+4x7/4 mm	25,6 x 31,5mm	1600m	1800x1080 mm
XBFSC02038	2x14/10+8x7/4 mm	31,8 x 36,5mm	1100m	1800x1080 mm
XBFSC02053	3x14/10+6x7/4 mm	29,5 x 43,5mm	950 m	1800x1080 mm
XBFSC02054	3x14/10+12x7/4 mm	29,5 x 47mm	900 m	1800x1080 mm