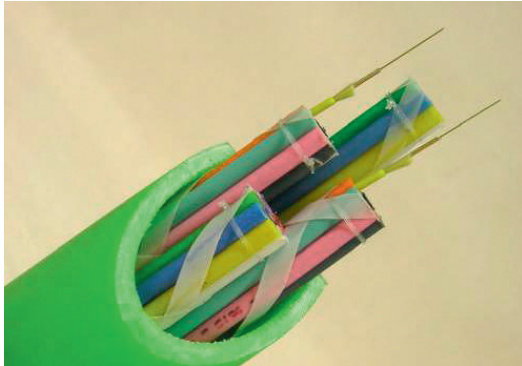


JetNet^{XS} OSP Pre-installed microducts

Prysmian Part Number: See below



Highly reliable, robust protective ducts with pre-installed high pressure resistant microducts with superior blowing capabilities.

Prysmian protective ducts with pre-installed microducts are a part of the complete blowing system: JetNet^{XS}, which has been designed with expansion in mind and compatibility with existing technologies. The technique is based on laying ducts first and afterwards blowing-in optical fibre cables. The JetNet^{XS} system is flexibility - it allows customers to choose what they need, when they want it, and where they need it, ensuring the optimum in costs and fibre-infrastructure.

Features and Benefits

- Robust, having high crush resistance.
- No damage to the microducting system when laying it.
- Usable in every thinkable environment; for example rocky, wet or sandy soils.
- Superior characteristics for jetting microducts into duct while maintaining a high pressure resistance.
- Even under difficult circumstances very long blowing distances can be achieved.
- With high pressure equipment, world-record distances can be achieved.
- Special grade HDPE plastic, having low friction coefficient.
- Smooth and flexible blowing of cable. No complex tooling is needed to blow.
- Jetting parameters stable over long period of time (> 15 years).
- Even after a decade additional fibre cables can be installed.
- This means the ducts are future proof.

Kit Contents

Ducts and microducts

Additional Items

- Branch connectors
- Microduct connectors and sealing plugs
- Duct connectors and sealing plugs
- Coupling sets

Technical Data

• Protective ducts:

Duct	Outer diameter [mm]	Inner diameter [mm]	Duct colour
16 mm	16.0	10.0	Green
25 mm	25.0	19.0	Green
40 mm	40.0	32.0	Green
50 mm	50.0	40.0	Green

• Microducts:

4 mm	4.0	3.0
7 mm	7.0	5.5
10 mm	10.0	8.0
12 mm	12.0	9.6

• Microduct identification:

No of MD	Colour	No of MD	Colour	No of MD	Colour
1 / 13	Red	5 / 17	Green	9 / 21	Orange
2 / 14	White	6 / 18	Violet	10 / 22	Turquoise
3 / 15	Yellow	7 / 19	Brown	11 / 23	Pink
4 / 16	Blue	8 / 20	Black	12 / 24	Grey

Microduct numbers 13 – 24 are marked every 10 cm on two sides with the microduct number.

Duct marking (every meter):

Protective duct Duct type – Date of manufacture – Length marking

Microduct JetNet^{XS} – Microduct type – Date of manufacture – Length marking

Material Special grade HDPE, having low friction coefficient for both the duct and microducts.

Logistics

JetNet^{XS} OSP Preinstalled microducts 4 mm

Part number	Product name	Packaging	Weight
XBFSC00633	HDPE duct (16 mm) 1x microduct 4 mm	per reel 900 m	122 kg
XBFSC00634	HDPE duct (16 mm) 2x microduct 4 mm	per reel 900 m	127 kg
XBFSC00625	HDPE duct (40 mm) 6x microduct 4 mm	per reel 950 m	462 kg
XBFSC00626	HDPE duct (40 mm) 12x microduct 4 mm	per reel 950 m	493 kg
XBFSC00627	HDPE duct (40 mm) 18x microduct 4 mm	per reel 950 m	525 kg
XBFSC00628	HDPE duct (40 mm) 24x microduct 4 mm	per reel 950 m	556 kg

JetNet^{XS} OSP Preinstalled microducts 7 mm

Part number	Product name	Packaging	Weight
XBFSC00635	HDPE duct (16 mm) 1x microduct 7 mm	per reel 900 m	131 kg
XBFSC00629	HDPE duct (25 mm) 1x microduct 7 mm	per reel 1000 m	212 kg
XBFSC00630	HDPE duct (25 mm) 2x microduct 7 mm	per reel 1000 m	226 kg
XBFSC00623	HDPE duct (40 mm) 7x microduct 7 mm	per reel 950 m	619 kg
XBFSC00624	HDPE duct (40 mm) 10x microduct 7 mm	per reel 950 m	699 kg

JetNet^{XS} OSP Preinstalled microducts 10 mm

Part number	Product name	Packaging	Weight
XBFSC00622	HDPE duct (40 mm) 5x microduct 10 mm	per reel 950m	565 kg
XBFSC00620	HDPE duct (50 mm) 7x microduct 10 mm	per reel 550m	861 kg

JetNet^{XS} OSP Preinstalled microducts 12 mm

Part number	Product name	Packaging	Weight
XBFSC00631	HDPE duct (25 mm) 1x microduct 12 mm	per reel 1000m	230 kg
XBFSC00632	HDPE duct (40 mm) 4x microduct 12 mm	per reel 950m	562 kg
XBFSC00621	HDPE duct (50 mm) 6x microduct 12 mm	per reel 550m	869 kg

Length tolerance +/- 1%

Sealing of duct end End caps

Drum size (flange diameter / width)
 Duct 16 mm 1000 / 510 mm
 Duct 25, 40, 50 mm 1800 / 1080 mm

Storage Ducts and 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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