



Duct Systems OSP

EaseNet^{XS}, connectors, end stops and etc.

Connectors for heavy duty, self-protected thick-walled microducts



Application

Draka's EaseNet^{XS} thick-walled connectors are designed to connect and/or terminate thick-walled microducts in a direct buried environment. This product is suitable for extreme temperature changes as it can handle strong pulling forces.

Draka's microducts are a part of the complete blowing system, which has been designed with expansion in mind and compatibility with existing technologies. The technique is based on laying the bundles of microducts first and afterwards blowing-in optical fiber cables. The 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 fiber-infrastructure. Extra flexibility is added by applying "self-protecting" HDPE thick-walled tubes; that can easily be extracted from a bundle and connected to create a drop connection. This integrated solution consists of straight connectors, reducers, end stops and gas block; used to connect and terminate the microducts.

TYPE A TRANSPARENT

Draka's thick-walled TRANSPARENT microduct connectors. Simple installation by pushing the microduct into the connector. Allows for the installer to see if the microduct is pushed in properly. It can also be seen when the cable passes through the connector, verifying that the installation was successful. For maintenance and adjustments to the installation, the connector gland can be unscrewed and the microduct removed.

TYPE B

Draka's thick-walled microduct connectors.
Simple installation by pushing the microduct into the connector.
Permanent connection that cannot be unlocked after installation.

Features	Advantages
<ul style="list-style-type: none"> • Easy to use, robust, and high mechanical resistance 	<ul style="list-style-type: none"> • Easy installation and connection
<ul style="list-style-type: none"> • Superior characteristics for jetting cables into microducts, high pressure resistance 	<ul style="list-style-type: none"> • Even under difficult circumstances acceptable blowing distances are achieved • When blowing, the connections can withstand high pressure equipment due to push/pull mechanism
<ul style="list-style-type: none"> • Jetting parameters stable over long period of time (> 15 years) 	<ul style="list-style-type: none"> • Even after a decade additional fiber cables can be installed. • This means the ducts and connectors are future proof
<ul style="list-style-type: none"> • Water tightness 	<ul style="list-style-type: none"> • Connections are watertight up to 2 meters below water surface

Product Range

Ordering code		Product name	Packaging	
Type A	Transparent			Type B
	1025525	1016062	Straight Connector (14/14 mm)	per box (10 pcs)
	1025526	1016064	End-stop Connector (14/0 mm)	per box (10 pcs)
		1016065	Gasblock Reducer (14/7 mm)	per box (10 pcs)
		1017059	Straight Connector (12/12 mm)	per box (10 pcs)
		1022440	End-stop Connector (12/0 mm)	per box (10 pcs)
		1022437	Straight Connector (10/10 mm)	per box (10 pcs)
		1022439	End-stop Connector (10/0 mm)	per box (10 pcs)
		1017556	Straight Connector (7/7 mm)	per box (10 pcs)
		1022438	End-stop Connector (7/0 mm)	per box (10 pcs)
		1022443	Straight Connector (5/5 mm)	per box (10 pcs)
		1022444	End-stop Connector (5/0 mm)	per box (10 pcs)

Additional size and construction of Type A TRANSPARENT connectors are available upon request

Technical Specifications

Technical Specifications

Construction types

Straight connector	Connecting microducts
Gas tight connector	Connecting microducts absolute gas tight
End-Stop	Sealing of unused microducts

TYPE A TRANSPARENT



TYPE B



Value Innovation

Value Innovation is a way of looking at the world. How can we help our customers do more, save more, achieve more? Draka is a global leader in delivering advanced cable and network solutions. Focusing on the passive

elements of the network, our goal is to deliver superior network software, connectivity and cable solutions that meet your current and future network requirements, based on more bandwidth, longer life and absolute reliability.