Microduct Reducer

Product Overview

The microduct reducers are engineered for durability and ease of use. Featuring pre-installed locking clips, they prevent accidental disconnection even in underground environments. To release a microduct, simply remove the locking clips and push the locking ring—no additional covers or tools required.

Crystal-Clear for Seamless Fiber Monitoring

The transparent body ensures full visibility, making it easy to verify fiber or micro cable placement during installation.

No Slack, No Stops – Continuous Installation

Designed for a precise fit, our reducers minimize slack between the microduct and connector center, reducing the risk of fiber snagging and ensuring smooth, uninterrupted installation.

Features

- Crystal clear transparent body
- Easy “push-in” installation
- Rugged design for direct buried applications
- Locking rings to prevent accidental removal of connector
- A range of connectors covering 3mm to 20mm outer diameter microducts
- No Slack - Non Stop Installation
- Temperature –20°C to +50°C

Applications

The microduct reducers ensure a quick, secure, and reliable connection, effectively sealing microducts to prevent water ingress. Designed for seamless integration, the straight connectors provide an optimal solution for joining microduct sections in blown transport routes, enabling the smooth installation of Hexatronic micro cables (Viper),

Specifications

Material

Body……HP Polymer, Techno Polymer

Seal……..NBR

Washer……Techno Polymer

Collet……Techno Polymer

Support ring……Techno Polymer

Tamper-proof Locking clip……Techno Polymer

Working Pressure

3-7mm…….<10 bar

10-20mm…….<15 bar

Burst pressure (all diameters): accordingly to EN50411-2-8

Technical notes: -

These products have been tested in order to simulate a 20-year lifetime.

EN 50411-2-8: Microduct connectors –specifications

EN 61300-2-4: Microduct Retention

EN 61300-2-10: Crush Resistance

EN 60794-1-2:2003, Method E4: Impact

EN 61300-2-33: Re-entries

EN 61300-2-22: Change of Temperature (cycling)

EN 61300-2-23:1997, Method2: Water Immersion

EN 61300-2-26: Salt Mist

EN 61300-2-34: Chemical Resistance

EN 50411-2-8, Annex C: High-pressure Resistance (Safety)

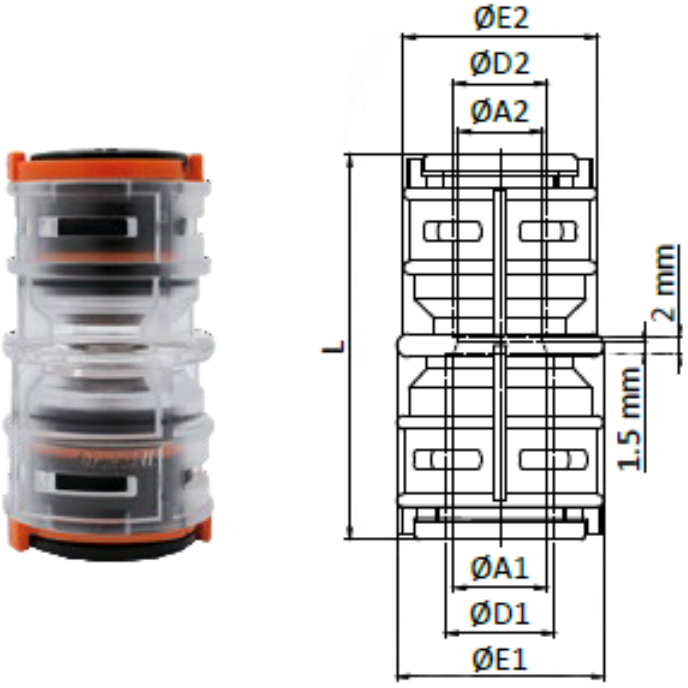
EN 50411-2-8, Annex D: Installation Test

EN 50411-2-8, Annex E: Insertion Force

EN 60529: IP 68

EN 61386-22: Glow wire test at 750°C

EN 61386-24 Conduit systems buried underground



Ordering Information	
Part number	**Description**
CFSDU-HMPB30603/7	Reducer Connector - 7/3.5mm