Microduct Connector

Product Overview

Robust Design for Any Environment

The connectors and end stops have been designed to be extremely strong so that they can be used for both direct buried non sealed or sealed applications. To avoid accidental opening of the connectors when installed into the ground, they are fitted with locking clips on each end. To release a microduct, simply remove the locking clips and push the locking ring of the connector. No additional cover is therefore needed. Note that the locking clips are pre-installed.

Crystal Clear Body for Easy Cable Identification

The body is extremely clear to facilitate visual inspection of a blown fiber or micro cable that has been installed.

No Slack - Non Stop Installation

Certain attention has been given to minimize any slack between the microduct and the centre of the connector. A smooth transition without slack will minimize the risk of fiber or cable getting caught in the connector and causing a sudden stop in the 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 connectors for microducts provide a quick, safe, and secure connection for sealing microducts against the ingress of water. The straight connectors provides an excellent solution for joining sections of Microducts blown transport route for the installation of Hexatronic micro cables (Viper), Nano cables (Raptor) or fibre bundle (Stingray).

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**
CFMDU-HMPB30601/5	CFMDU - Coupler - 5mm (5/3.5) - Straight - Clear
CFMDU-HMPB30601/7	CFMDU - Coupler - 7mm (7/3.5) - Straight - Clear
CFMDU-HMPB30601/14	CFMDU - Coupler - 14mm (14/10) - Straight - Clear