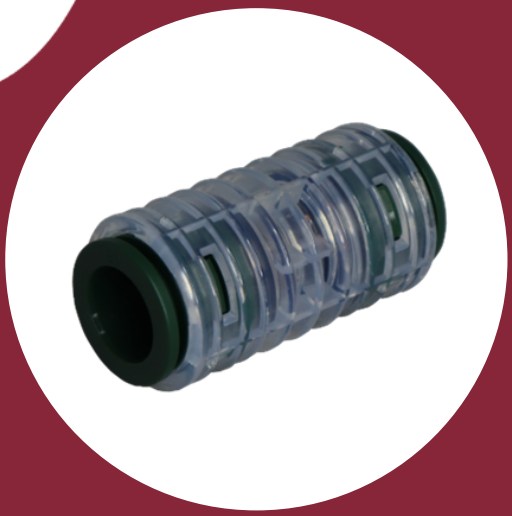
CONNECT

telecommunications solutions inc.



# 16 Joule Microduct Couplers

## Accessories

## FEATURES AND BENEFITS

- Easy assembly/disassembly, no tools required
- Provide an air– and water-tight connection
- Color coded by size
- Greater impact resistance
- Approved for use at 232PSI/16Bar

## OVERVIEW

16 joules Microduct Couplers are used to join two segments of MicroDucts. They provide a higher impact strength for use in rough soil. Straight and Transition couplers are available. Multiple sizes available starting at 5 mm.

## SPECIFICATIONS

| Property | Value |
|---|---|
| Blowing Pressure | Between temperatures of -10□ and +60□, all connectors size can be used for blowing operations at pressures up to 16Bar. |
| Burst Pressure | > 26 Bar |
| Gas Tightness | Leakage at 16Bar gas pressure: 1ml/min approx.<br>Leakage at 0.7Bar gas pressure: 0.1ml/min approx. |
| Water ingress | The connectors shall seal against a 6m head of water. |
| Impact | 16 joules |
| Insertion force | 50N max (5kg) |
| Retention force | 200N min (5/6mm OD)<br>470N min (7/8mm OD)<br>600N min (10mm OD)<br>700N min(12mm OD)<br>900N min (14mm OD)<br>1200N min (16mm OD)<br>1600N min (18mm OD)<br>1800N min (20mm OD) |

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