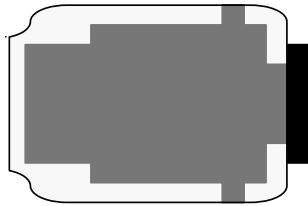


Fibre Optic Cable

Air Blown Fibre End Caps

Product Code: ABFEC



General Description

To keep Microduct networks free of debris, seal the system with Push-Fit Endcaps. With the same functionality as the Push-Fit Connectors. Installation simply involves pushing the Microduct into the Endcap. It can be attached and removed 10 times while still maintaining the same high performance characteristics.

Push-Fit Microduct Endcap operates at 15 BAR (218 psi) with a maximum permissible leakage rate of 1cc/min. This equivalent to 1 bubble every 3 seconds. Higher pressures have been used in the field with no increase in leakage rate. Quick Burst rating is 25 BARDS (363 psi)

Technical Details

A various size of Endcap fits duct outer diameter ranging from 5 – 16mm as below

For Tube outer diameter (mm)

5
7
8
10
12
14
16

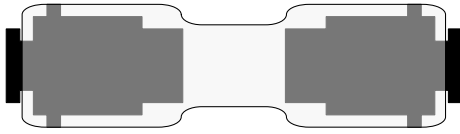
- Material: Clear PC
- Leakage Pressure: 15bar
- Negative Pressure: -750mm Hg(10 Torr)
- Proof Pressure: 25bar
- Temperature Range: -10 – 60°C

Performance

- 1) Leakage Pressure
 - Test Method : BT MA 321 High Pressure Performance
 - Hydraulic Pressure test Pass (Resisting at 13.5kgf/cm² for 2 minutes.)
- 2) Burst Pressure
 - Test Method : BT MA 321 Burst Test
 - Burst Pressure: > 25.5kgf/cm²
 - Water Immersion test: Pass (Water proof)
 - Push-fit test: Pass

Fibre Optic Cable Air Blown Fibre Connectors (Straight)

Product Code: ABFMSC



General Description

The Push-fit Straight connectors make splicing microduct fast and easy. Simply push the microducts into the centre of the connector. No tools are required. The connector can be connected and disconnected up to 10 times and still maintain the high performance requirements for air blown installation systems.

Microduct connector operates at 15 BAR (218 psi) with a maximum permissible leakage rate of 1cc/min. This is equivalent to 1 bubble every 3 seconds. Higher pressures have been used in the field with no increase in leakage rate. Quick Burst rating is 25 BARS (363 psi).

Technical Details

Various straight connectors fits duct outer diameter ranging from 5 – 16mm as below.

For Tube outer/inner diameter (mm)
5/3.5
7/3.5
7/5.5
8/5.5
10/8
12/10
14/10
14/12
16/12

- Material: Clear PC
- Leakage Pressure: 15bar
- Negative Pressure: -750mm Hg(10 Torr)
- Proof Pressure: 25bar
- Temperature Range: -10 – 60°C
- For Tubing Type: PE, PU, Nylon, Polyurethane

Performance

- Burst Pressure: > 25.5kgf/cm²
- Water Immersion test: Pass (Water proof)
- Push-fit test: Pass
- Hydraulic Pressure test: Pass (Resisting at 13.5kgf/cm² for 2 minutes.)