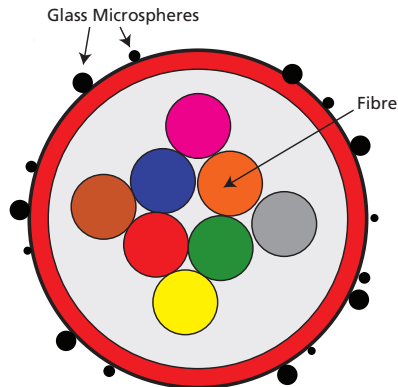


TrueNet®

Blown Fibre Unit 8F Multimode 62.5/125 (OM1)



Blown fibre unit

ADC KRONE produces optical fibre units specifically engineered for blown fibre applications. The fibres are contained in a soft inner acrylate layer which cushions the fibres and an outer harder layer which protects the fibres from damage. Glass microspheres, added to the outer layer during manufacturing, provide a low friction layer that assists in improving blowing distances, which are typically in excess of 1,000 metres. The blown fibre units are identified by a colour coded outer layer.

Features

- Colour coded outer layer identifies the grade of fibre in the unit
- Blowing distances in excess of 1,000 metres.

Key Benefits

- Fibres already installed can be removed and replaced with a higher fibre count, ensuring future capacity of the installation
- Once removed, the fibres can be re-used at another site, helping to keep the cost of installation down
- Fibres can be deployed from an external location to the internal presentation point, removing the need to splice at the building entry point.

TECHNICAL DATA

Ordering Information

Manufactured according to BT specification CW1572.

| Description | Catalogue Number |
|--|------------------|
| Blown fibre, multimode 62.5/125, 8 fibre cores, 500m | 7032 1 400-29 |
| Blown fibre, multimode 62.5/125, 8 fibre cores, 1,000m | 7032 1 400-30 |
| Blown fibre, multimode 62.5/125, 8 fibre cores, 2,000m | 7032 1 400-31 |
| Blown fibre, multimode 62.5/125, 8 fibre cores, 4,000m | 7032 1 400-32 |

Technical Data

Optical properties

| | | Value | Units |
|-------------------------|---------|-------|--------|
| Attenuation coefficient | 850 nm | ≤3.5 | dB/km |
| | 1300 nm | ≤1.0 | dB/km |
| Modal bandwidth | 850 nm | ≥ 200 | MHz.km |
| | 1300 nm | ≥ 600 | MHz.km |

Geometrical properties

| | | |
|--------------------------------------|----------|----|
| Cladding diameter | 125 ± 2 | µm |
| Core diameter | 62.5 ± 3 | µm |
| Core to cladding concentricity error | ≤3 | % |
| Cladding non-circularity | ≤2.0 | % |
| Coating diameter (coloured) | 250 ± 15 | µm |

Physical properties

| | | |
|------------------|-------|---|
| Proof test level | ≥ 1.0 | % |
|------------------|-------|---|

Specifications

| | |
|-------------------|---|
| Diameter: | 1.4 mm |
| Colour: | Red |
| Weight: | 1.5 g/m |
| Breakout: | ≤ 5 minutes (typical) |
| Blowing Distance: | 1000 m (typical) |
| Fibre count: | eight |
| Colours: | Blue, orange, green, red, violet, grey, yellow, brown |
| Packaging: | Fibre rosette into pan |

TECHNICAL DATA



KRONE



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