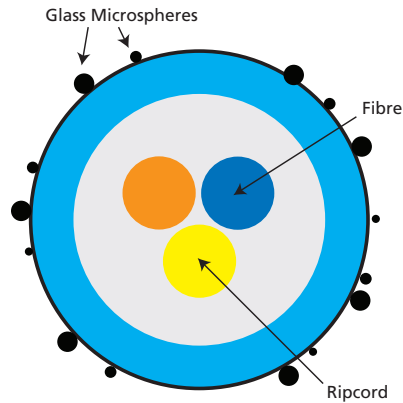


# TrueNet®

## Blown Fibre Unit 2F Multimode 50/125 (OM3)



### 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
- Effective Modal Bandwidth  $\geq$  2000MHz.km.

### 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
- OM3 enables 10Gbe transmission over 300 metres allowing complete Riser and Backbone coverage.

TECHNICAL DATA

## Ordering Information

Manufactured according to BT specification CW1573.

Description	Catalogue Number
Blown fibre, multimode 50/125, 2 fibre cores, 500m	7032 1 406-01
Blown fibre, multimode 50/125, 2 fibre cores, 1,000m	7032 1 406-02
Blown fibre, multimode 50/125, 2 fibre cores, 2,000m	7032 1 406-03

### Technical Data

#### Optical properties

		Value	Units
Attenuation coefficient	850 nm	≤3.2	dB/km
	1300 nm	≤1.2	dB/km
Modal bandwidth	850 nm	≥ 1500	MHz.km
	1300 nm	≥ 500	MHz.km
Effective Modal bandwidth	850 nm	≥ 2000	MHz.km
10Gbe Transmission distance		300	m

#### Geometrical properties

Cladding diameter	125 ± 2	µm
Core diameter	50 ± 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	%
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### Specifications

Diameter:	1.02 ± 0.06 mm
Colour:	Turquoise
Weight:	0.8 g/m
Breakout:	≤2 minutes (typical)
Blowing Distance:	1000 m (typical)
Fibre count:	two + ripcord
Colours:	Blue, orange
Packaging:	Fibre rosette into pan

TECHNICAL DATA



KRONE



#### Web Site: [www.adckrone.com](http://www.adckrone.com)

ADC Communications (UK) Limited. Runnings Road, Kingsditch Trading Estate, Cheltenham, Gloucestershire, GL51 9NQ United Kingdom • Phone: +44 (0) 1242 264 400 Fax: +44 (0) 1242 264 488 [contactuk@adckrone.com](mailto:contactuk@adckrone.com)

#### EMEA Headquarters:

ADC GmbH, Beeskowdamm, 3-11, 14167 Berlin, Germany • Phone: +49 308 453 1818 Fax: +49 30 8453-1703. For a listing of all ADC KRONE's global sales office locations, please refer to our web site.

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