



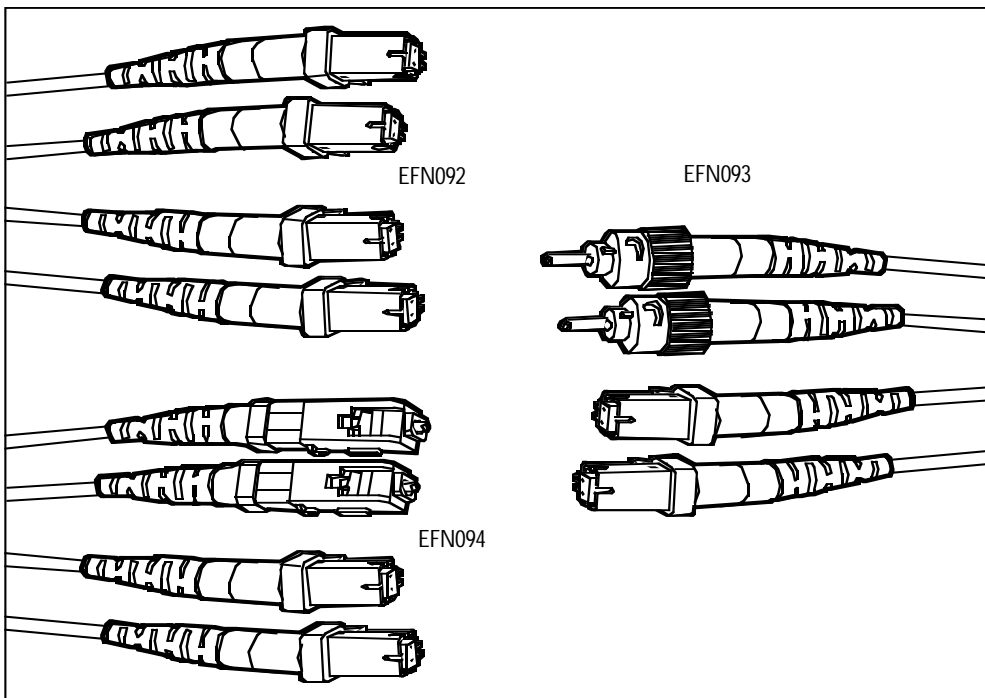
# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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Black Box Network Services • 464 Basingstoke Road • Reading, Berkshire, RG2 0BG • Tech Support: 0118 965 6000 • [www.blackbox.co.uk](http://www.blackbox.co.uk) • e-mail: [techhelp@blackbox.co.uk](mailto:techhelp@blackbox.co.uk)

## SINGLE-MODE FIBRE OPTIC CABLES



*We've got the LC  
fibre optic cable  
to suit your every  
need.*

### Key Features

- ▶ **LC-LC, LC-ST, or LC-SC connector combinations available.**
- ▶ **Two buffered fibres are individually wrapped with aramid yarn and overjacketed in a Figure-8 design.**
- ▶ **Duplex polarity.**
- ▶ **Small footprint compared to other fibre optic terminations.**

### Overview

Look no further—single-mode fibre optic cables with LC connectors are now available at Black Box.

These special connectors are almost half the size of standard SC and ST fibre optic terminations. LC Single-Mode Fibre Optic Cables are ideal for desktop applications and are paired with high-grade duplex single-mode fibre optic cable.

The two buffered fibres are individually wrapped with aramid yarn and overjacketed in a Figure-8 design.

The cables are compliant with Bellcore, ANSI-FDDI, and ICEA standards.

### Specifications

- Core Diameter: 8.3  $\mu\text{m}$
- Cladding Diameter: 125  $\mu\text{m}$
- Number of Fibers: 2
- Buffered Fibre Minimum Bend Radius: 0.75" (1.9 cm)
- Tension Rating: 100 lb.
- Ferrule: Ceramic
- Housing: Composite
- Insertion Loss: 0.2 dB typical
- Return Loss:  $\geq 5$  dB typical
- Wavelength: 1310 nm, 1550 nm
- Operating Temperature: -40 to +185°F (-40 to +85°C)
- Storage Temperature: -40 to +158°F (-40 to +70°C)



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# Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

## Recognise any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase

price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

## ▼ Ordering Information

ITEM	CODE
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Single-Mode Fibre Optic Cables, Duplex, 8.3- $\mu$ m/125- $\mu$ m

### LC-LC, PVC

1-m	.....EFN092-001M
2-m	.....EFN092-002M
3-m	.....EFN092-003M
5-m	.....EFN092-005M
10-m	.....EFN092-010M

### LC-ST, PVC

1-m	.....EFN093-001M
2-m	.....EFN093-002M
3-m	.....EFN093-003M
5-m	.....EFN093-005M
10-m	.....EFN093-010M

### LC-SC, PVC

1-m	.....EFN094-001M
2-m	.....EFN094-002M
3-m	.....EFN094-003M
5-m	.....EFN094-005M
10-m	.....EFN094-010M

