



BLACK BOX[®]

NETWORK SERVICES

© 2003. All rights reserved.
Black Box Corporation.

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

CERAMIC-TERMINATED MULTIMODE FIBRE OPTIC CABLE

Near-unlimited bandwidth at high speeds over long distances.

Key Features

- ▶ **ST[®] to ST, ST to SC, and SC to SC configurations available.**
- ▶ **Ceramic and composite termination types.**
- ▶ **Totally immune to electrical interference**
- ▶ **ST to SMA and SMA to SMA are also available**

Overview

Fibre Optic Cables use light as a digital information carrier. The cable is made up of small strands of glass, each providing a path for light rays carrying the data signal. Fibre Optic Cables offer large bandwidth, very high security, and immunity to electrical interference.

Fibre Optic Cables are offered in different lengths, and you can choose either riser or plenum cable. Riser cable is good for running cables in walls. Plenum cabling is approved by the NEC[®] for installation in air spaces or ceilings because it does not emit toxic fumes when it burns.

You can run Fibre Optic Cable to the desktop for a planned deployment of high-data-rate systems such as FDDI, multimedia, or ATM

(Asynchronous Transfer Mode), or applications that require large file transfers.

It can also address environmental problems such as EMI (electromagnetic interference) or high security requirements.

Ceramic connectors on the Ceramic-Terminated Cables make the highest quality cables and provide low signal loss, high reliability, and long life. Composite connectors are good quality and are constructed of a durable polymer and also offer high precision and low light loss.

All of these cables are ideal for use as work-area, cross-connect, or equipment jumper cables.

NOTE: Test results are included with each cable.

Specifications

Attenuation: Ceramic-Terminated Cables: ≤ 3.75 dB/km @ 850 nm, ≤ 1.5 dB @ 1300 nm; Composite-Terminated Cables: 0.2 dB typical

Bandwidth: 160 MHz/km @ 850 nm; 500 MHz @ 1300 nm

Cable Size: 0.3 x 0.6 cm (0.12" x 0.24")

Cladding Diameter: 125 μ m

Core Diameter: 62.5 μ m

Fibre Type: Multimode (graded index)

Minimum Bend Radius: 5 cm

Operating Temperature: -20 to +70°C

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.



15499

▼ Ordering Information

ITEM	CODE
Ceramic Terminated Multimode Fibre Optic Cables	
ST-ST	
Duplex Riser	1-m.....EFN062-001M-CC
	2-m.....EFN062-002M-CC
	3-m.....EFN062-003M-CC
	5-m.....EFN062-005M-CC
	10-m.....EFN062-010M-CC
	Custom Lengths.....EFN062-CC
Simplex Riser	1-m.....EFN062-001M-CC
	2-m.....EFN062-002M-CC
	3-m.....EFN062-003M-CC
	5-m.....EFN062-005M-CC
	Custom Lengths.....EFN062-CC
ST-SC	
Duplex Riser	1-m.....EFN4010-001M-CC
	2-m.....EFN4010-002M-CC
	3-m.....EFN4010-003M-CC
	5-m.....EFN4010-005M-CC
	10-m.....EFN4010-010M-CC
	Custom Lengths.....EFN4010-CC
SC-SC	
Duplex Riser	1-m.....EFN4025-001M-CC
	2-m.....EFN4025-002M-CC
	3-m.....EFN4025-003M-CC
	5-m.....EFN4025-005M-CC
	10-m.....EFN4025-010M-CC
	Custom Lengths.....EFN4025-CC
Simplex Riser	3-m.....EFN4011-001M-CC
Ceramic Terminated Multimode Fibre Optic Adaptor Cables. <i>Custom Built for You!</i>	
Duplex Riser SMA905.....	EFN062-MM
SMA906.....	EFN062-BB
ST-SMA905 (ST,SMA905 Adaptors)	EFN062-CM
SMA906-ST (ST, SMA906 Adaptors).....	EFN062-BC

▼ Ordering Information

ITEM	CODE
Ceramic Terminated Multimode Fibre Optic Cables	
LC-LC	
Duplex Riser	1-m.....EFN082-001M
	2-m.....EFN082-002M
	3-m.....EFN082-003M
	5-m.....EFN082-005M
	10-m.....EFN082-010M
	Custom LengthsEFN082
LC-ST	
Duplex Riser	1-m.....EFN083-001M
	2-m.....EFN083-002M
	3-m.....EFN083-003M
	5-m.....EFN083-005M
	10-m.....EFN083-010M
	Custom LengthsEFN083
LC-SC	
Duplex Riser	1-m.....EFN084-001M
	2-m.....EFN084-002M
	3-m.....EFN084-003M
	5-m.....EFN084-005M
	10-m.....EFN084-010M
	Custom LengthsEFN084
LC-MT-RJ	
Duplex Riser	1-m.....EFN085-001M
	2-m.....EFN085-002M
	3-m.....EFN085-003M
	5-m.....EFN085-005M
	10-m.....EFN085-010M
	Custom LengthsEFN085

