Terminated Multimode Fiber Optic Cable

Near-unlimited bandwidth at high speeds over long distances.

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.
» Adapters available; request Product Data Sheet 15509 for details.

OVERVIEW

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

Fiber 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 Fiber 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.

TECH SPECS

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 — 0.12" x 0.24" (0.3 x 0.6 cm)
Cladding Diameter — 125 µm
Core Diameter — 62.5 µm
Fiber Type — Multimode (graded index)
Minimum Bend Radius — 5 cm
Operating Temperature — -4 to +158°F (-20 to +70°C)

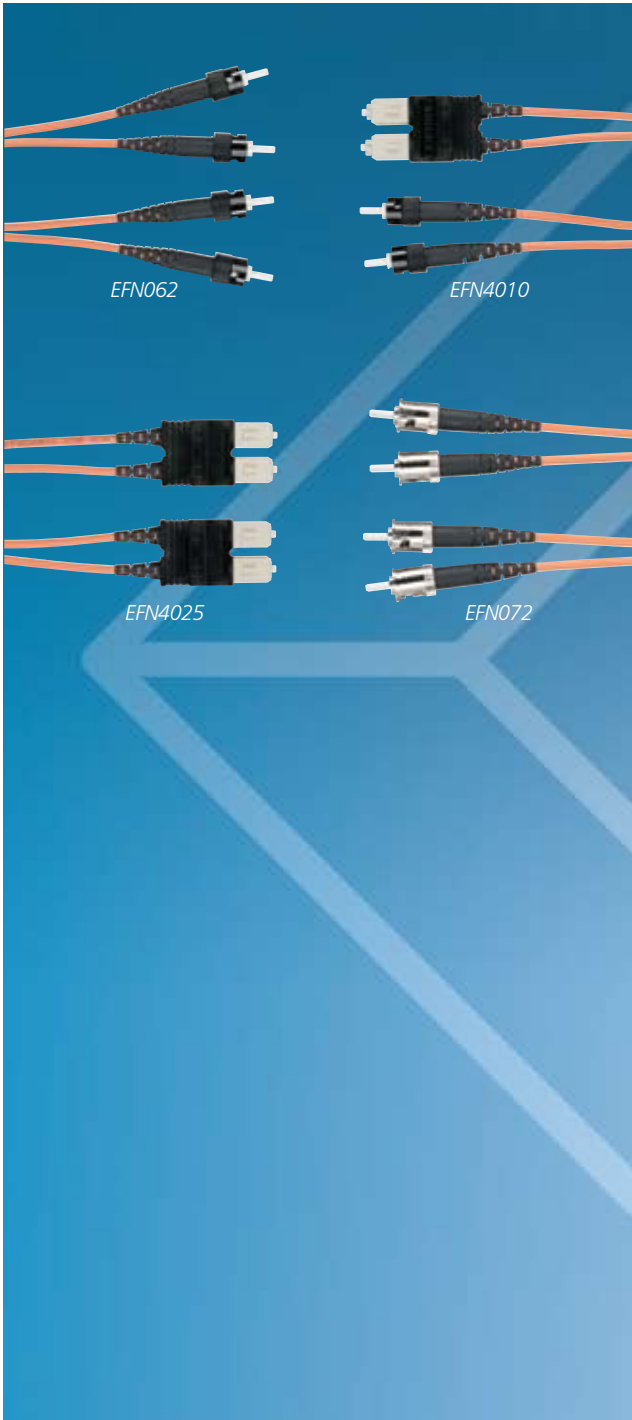## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize 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.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

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.

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2 of 3

EFN062

EFN4010

EFN4025

EFN072

Item			Code
Ceramic-Terminated Fiber Optic Cable (ST-ST)			
Duplex Riser	1-m (3.2-ft.)		**EFN062-001M-CC**
	2-m (6.5-ft.)		**EFN062-002M-CC**
	3-m (9.8-ft.)		**EFN062-003M-CC**
	5-m (16.4-ft.)		**EFN062-005M-CC**
	10-m (32.8-ft.)		**EFN062-010M-CC**
	Custom Lengths		**EFN062-CC**
Plenum	5-m (16.4-ft.)		**EFP062-005M-CC**
	10-m (32.8-ft.)		**EFP062-010M-CC**
	15-m (49.2-ft.)		**EFP062-015M-CC**
	Custom Lengths		**EFP062-CC**
Simplex Riser	1-m (3.2-ft.)		**EFN062-001M-C**
	2-m (6.5-ft.)		**EFN062-002M-C**
	3-m (9.8-ft.)		**EFN062-003M-C**
	5-m (16.4-ft.)		**EFN062-005M-C**
	Custom Lengths		**EFN062-C**
Ceramic-Terminated Fiber Optic Cable (ST-SC)			
Duplex Riser	1-m (3.2-ft.)		**EFN4010-001M**
	3-m (9.8-ft.)		**EFN4010-003M**
	5-m (16.4-ft.)		**EFN4010-005M**
	10-m (32.8-ft.)		**EFN4010-010M**
	Custom Lengths		**EFN4010**
Plenum	5-m (16.4-ft.)		**EFP4010-005M**
	10-m (32.8-ft.)		**EFP4010-010M**
	Custom Lengths		**EFP4010**
Ceramic-Terminated Fiber Optic Cable (SC-SC)			
Duplex Riser	1-m (3.2-ft.)		**EFN4025-001M**
	2-m (6.5-ft.)		**EFN4025-002M**
	3-m (9.8-ft.)		**EFN4025-003M**
	5-m (16.4-ft.)		**EFN4025-005M**
	Custom Lengths		**EFN4025**
Plenum	5-m (16.4-ft.)		**EFP4020-005M**
	10-m (32.8-ft.)		**EFP4020-010M**
	Custom Lengths		**EFP4020**
Simplex Riser	3-m (9.8-ft.)		**EFN4030-003M**
Ceramic-Terminated Fiber Optic Adapter Cables (SMA)			
Duplex Riser	SMA905		**EFN062-MM**
	SMA906		**EFN062-BB**
	ST-SMA905 (ST, SMA905 Adapters)		**EFN062-CM**
	SMA906-ST (ST, SMA906 Adapters)		**EFN062-BC**
Plenum	SMA905		**EFP062-MM**
	SMA906		**EFP062-BB**

Item			Code
Composite-Terminated Fiber Optic Cable (ST-ST)			
Duplex Riser	1-m (3.2-ft.)		**EFN072-001M-CC**
	2-m (6.5-ft.)		**EFN072-002M-CC**
	3-m (9.8-ft.)		**EFN072-003M-CC**
	5-m (16.4-ft.)		**EFN072-005M-CC**
	10-m (32.8-ft.)		**EFN072-010M-CC**
	Custom Lengths		**EFN072-CC**
Plenum	10-m (32.8-ft.)		**EFP072-010M-CC**
	15-m (49.2-ft.)		**EFP072-015M-CC**
	Custom Lengths		**EFP072-CC**
Simplex Riser	1-m (3.2-ft.)		**EFN072-001M-C**
	2-m (6.5-ft.)		**EFN072-002M-C**
	3-m (9.8-ft.)		**EFN072-003M-C**
	Custom Lengths		**EFN072-C**
Composite-Terminated Fiber Optic Cable (ST-SC)			
Duplex Riser	1-m (3.2-ft.)		**EFN4020-001M**
	3-m (9.8-ft.)		**EFN4020-003M**
	5-m (16.4-ft.)		**EFN4020-005M**
	10-m (32.8-ft.)		**EFN4020-010M**
	Custom Lengths		**EFN4020**
Plenum	10-m (32.8-ft.)		**EFP4030-010M**
	Custom Lengths		**EFP4030**
Composite-Terminated Fiber Optic Cable (SC-SC)			
Duplex Riser	1-m (3.2-ft.)		**EFN4021-001M**
	2-m (6.5-ft.)		**EFN4021-002M**
	3-m (9.8-ft.)		**EFN4021-003M**
	5-m (16.4-ft.)		**EFN4021-005M**
	Custom Lengths		**EFN4021**
Plenum	5-m (16.4-ft.)		**EFP4022-005M**
	10-m (32.8-ft.)		**EFP4022-010M**
	Custom Lengths		**EFP4022**
Simplex Riser	3-m (9.8-ft.)		**EFN4024-003M**

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3 of 3