

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 small strands 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, multi-media, 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.



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	5-m (16.4-ft.) EFP072-005M-CC
	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
	5-m (16.4-ft.) EFN072-005M-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	5-m (16.4-ft.) EFP4030-005M
	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