



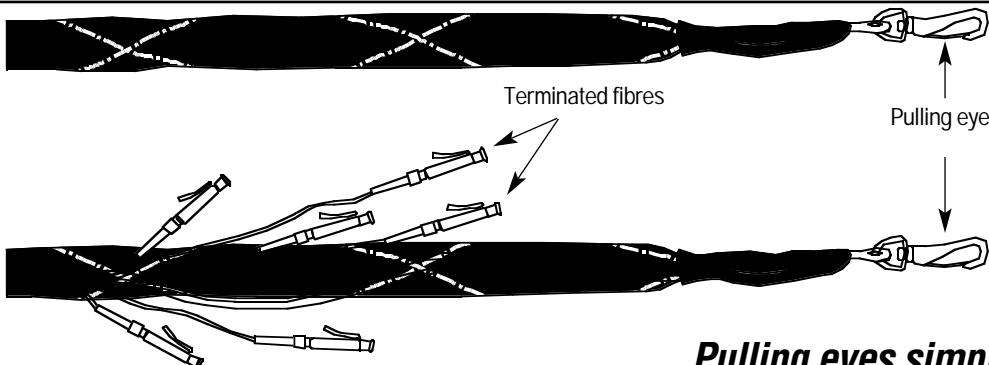
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BLACK BOX®

NETWORK SERVICES

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FIBRE OPTIC CABLES (DISTRIBUTION-STYLE) WITH PULLING EYE



***Pulling eyes simplify
fibroptic cable installation.***

Key Features

- Fibres are terminated with swivel pulling eyes to eliminate cable damage during installation.
- Choose either a PVC or plenum jacket.
- 6-, 12-, and 24-fibre versions are available.
- Select from five connector combinations including SC, ST, and LC.
- Makes pulling cable through conduits easier.

Why pay someone to install fibroptic cable when it's easy to do yourself? Whether you're running a small company and need to save on cable installation costs, or if you just don't want to terminate your own cable, these fibre cables with pulling eyes may be just what you need.

Fibroptic cable can easily be damaged during installation since it's so fragile. Protect it from damage by choosing a cable with a pulling eye. The pulling eye ensures that the strength member of the cable is pulled instead of the fibre core or jacket.

Three types of pulling eyes are available, including swivel, flexible, or breakaway. Our cables feature swivel pulling eyes with a breakaway feature; this enables

the cable to bend without tangling. Swivel pulling eyes also prevent twists in the pull from affecting the cable.

Under extreme tension, even a swivel pulling eye cable can break. To minimise this risk, monitor the tension and pull the cable straight out from the conduit. Don't twist the cable. For long cable pulls, lay the cable out in a "figure 8" pattern to prevent twisting.

This cable comes spooled on a reel terminated with fibroptic connectors. On the outside of the spool is a swivel pulling eye so you can pull the cable through the conduit properly. The pulling eye covers and protects the connectors on the outside and protects them during installation.

Before you order your cable, make sure you know what connectors you want on each end of the cable, how long the cable should be, and how many fibres you want in each cable (6, 12, or 24).

The Fibre Optic Cable (Distribution-Style) with Pulling Eye is available in 6-, 12-, or 24-fibre versions. Five different combinations of connectors are available: SC-SC, ST-ST®, LC-LC, LC-SC, and LC-ST. All versions are available for PVC (OFNR) or plenum (OFNP). Specify the cable length you need when you order.

Specifications

Approvals and Listings: NEC OFNR, CSA FT-4

Attenuation (Maximum): 3.75 dB/km @ 850 nm; 1.5 dB/km @ 1300 nm

Bandwidth (Minimum): 160 Hz/km @ 850 nm; 500 Hz/km @ 1300 nm

Fibre Type: 62.5- μ m core, 125- μ m cladding

Jacket Material: Orange PVC

Conductor Material: 62.5/125- μ m diameter, all-glass, graded-index optical fiber

Bend Radius: 8 cm loaded; 5.3 cm installed

Tensile Strength: 225 lb. (1000 Newtons) short term, 68 lb. (300 Newtons) long term

Buffering Diameter: 900 μ m

Number of Conductors:

EFN2006 and EFP2006 models: 6;
EFN2012 and EFP2012 models: 12;
EFN2024 and EFP2024 models: 24

Connectors: EFN2006AC, EFN2012AC, EFN2024AC, EFP2006AC, EFP2012AC, EFN2024AC; (2) SC;

Connectors (continued):

EFN2006AT, EFN2012AT, EFN2024AT, EFP2006AT, EFP2012AT, EFP2024AT; (2) ST; EFN2006AL, EFN2012AL, EFN2024AL, EFP2006AL, EFP2012AL, EFP2024AL; (2) LC; EFN2006AD: EFN2012AD, EFN2024AD, EFP2006AD, EFP2012AD, EFP2024AD; (1) LC, (1) SC; EFN2006AU, EFN2012AU, EFN2024AU, EFP2006AU, EFP2012AU, EFP2024AU; (1) LC, (1) ST

Temperature Tolerance:

Operating: -4 to +158°F (-20 to +70°C); Storage: -40 to +158°F (-40 to +70°C)

Outside Diameter: 3.75" (9.5 cm) as prepared for pulling; 0.21" (0.5 cm) O. D. of bulk cables

Weight: EFN2006 and EFP2006 models: 23 lb./1000 ft.; EFN2012 and EFP2012 models: 32 lb./1000 ft.; EFN2024 and EFP2024 models: 20 lb./1000 ft.

Ordering Information

ITEM	CODE
Fibre Optic Cables (Distribution-Style) with Pulling Eye PVC (OFNR), Custom Lengths	
6-Fibre	
SC-SC	E FN2006AC
ST-ST	E FN2006AT
LC-LC	E FN2006AL
LC-SC	E FN2006AD
LC-ST	E FN2006AU
12-Fibre	
SC-SC	E FN2012AC
ST-ST	E FN2012AT
LC-LC	E FN2012AL
LC-SC	E FN2012AD
LC-ST	E FN2012AU
24-Fibre	
SC-SC	E FN2024AC
ST-ST	E FN2024AT
LC-LC	E FN2024AL
LC-SC	E FN2024AD
LC-ST	E FN2024AU
Plenum (OFNP), Custom Lengths	
6-Fibre	
SC-SC	E FP2006AC
ST-ST	E FP2006AT
LC-LC	E FP2006AL
LC-SC	E FP2006AD
LC-ST	E FP2006AU
12-Fibre	
SC-SC	E FP2012AC
ST-ST	E FP2012AT
LC-LC	E FP2012AL
LC-SC	E FP2012AD
LC-ST	E FP2012AU
24-Fibre	
SC-SC	E FP2024AC
ST-ST	E FP2024AT
LC-LC	E FP2024AL
LC-SC	E FP2024AD
LC-ST	E FP2024AU

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.
- 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.