

# Operational Requirements for Power Optical Cables

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Cable meeting this section is recommended for fiber optic service entrances having 12 or fewer fibers with distances less than 100 meters (300 feet). (1) General. (i) Specification requirements are given ...

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**Purpose:** This document is intended to provide guidance for the selection, application, and installation of fiber-optic cable in power generating plants and industrial facilities.

Direct-buried conductive optical fiber cables shall be separated by at least 300 mm (12 in.) from conductors of any electric light, power or Class 1 circuit conductors.

Optical fiber cables shall be installed in a neat and workmanlike manner. Cables installed exposed on the surface of ceilings and sidewalls shall be supported by the building structure in such a manner ...

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While fiber optic cables generally are all dielectric and carry no electrical power, it may be necessary to work in areas that have installed electrical power cables and hardware.

Article 770 covers the installation of optical fiber cables used to transmit light for control, signaling and communication. Further, it contains the installation requirements for optical raceways, which contain ...

Unless directed by the owner or other agency that unused cables are reserved for future use, remove abandoned optical fiber cable (cable that is not terminated at equipment other than a connector and ...



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