Precautions for Optical Cable Sheathing



Overview

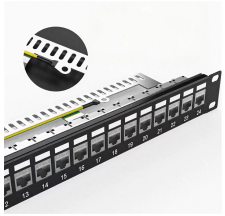
CAUTION: Fiber optic cable is sensitive to exces-sive pulling, bending and crushing forces. Do not bend cable more sharply than the minimum recommended bend radius. The maximum pulling tension for stranded loose tube cable is 2,700 Newtons. Recommendations for Fiber Optic Cable Installation Where reels are supplied with protective material fitted over the cable, the protection should remain in place until the cable will be installed. A working familiarity with cable access tools, splicing equipment, and splice closures is necessary as. This best practices document is a step-by-step guide for end and midspan access of loose tube optical cable, including sheath removal, core preparation, and fiber preparation. To minimize the chance of injury from harp-bladed tools, always cut away from yourself ly into the end of a fiber that may be carrying laser ight. Laser. Besides the usual safety issues for all construction, generally covered under OSHA rules in the US (OSHA 10 and 30), fiber optics adds concerns for eye safety, chemicals, sparks from fusion splicing, disposal of fiber shards and more, covered in Part 1. Before beginning any installation, safety.

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Before using the coaxial cable stripper, follow the adjustment and test procedures in SRP-005-007, Scoring Fiber Optic Tubes with a Coaxial Cable Stripper, to make sure that the stripper is properly ...



Use only cable/duct lubricants recommended by its blowing equipment manufacturer for optical fiber cable. Do not use soap or equivalent substances that may induce stress cracking of the jacket material.



Before beginning any installation, safety rules should be posted on the classroom wall, lab wall or on the job site and reviewed with all onsite personnel. All personnel must wear the usual construction safety ...



Thieves often do not know the difference between copper cables which are valuable when sold for scrap and fiber optic cables which are not, so cables and other components should not be left unprotected ...



Do not bend cable more sharply than the minimum recommended bend radius. Do not apply more pulling force to the cable than specified. Do not crush the cable or allow it to kink. Doing so may ...

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Follow all OSHA regulations concerning confined space entry and work. Warning! Lead dust may be released into the manhole atmosphere any time the sheath of older lead sheath cable is disturbed. ...



During cable installation, care should be taken to ensure that the minimum cable bend diameter is not violated and the maximum rated cable load is not exceeded.



This document describes some basic safety information applicable to Optical fiber cable installation & storage. Personnel involved in Optical fiber cable installation must be aware of all the applicable ...



This best practices document is a step-by-step guide for end and midspan access of loose tube optical cable, including sheath removal, core preparation, and fiber preparation.



Employees will not bring cosmetics, lip balm, medicine, eye drops, chewing gum, chewing tobacco, hand creams, or lotions in areas where fiber optic cables are being spliced or terminated, or where bare ...

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