

If a cable puller is used to 1) hand-pull the cable or 2) pull the pull/ winch-line into position for a winch-assisted installation, place the blocks individually on the strand as the puller passes.

The choice will depend on the vehicle access to the pole line, the type of equipment available to the installer, and whether the cable must be pulled into position over existing facilities.

The dialogue in this document assumes, the utility installations such as OSP strand route placement for aerial under burden, OSP trenching for underground conduit/duct or direct bury cable, ...

Using a lift or a hand line, raise the cable up to the strand and pass it through the cable guide, positioning the cable in the lasher. The lashing wire should be placed around the tension rollers and ...

In order to effectively pull cable without damaging the fiber, it is necessary to identify the strength material and fiber location within the cable. Then, use the method of attachment that pulls most ...

Positioning and identifying failures in an optical fiber cable line is crucial for maintaining the integrity and efficiency of the network. The following are key methods and techniques used for optical ...

Follow the local and national codes for proper cable selection for inside applications. Riser cables are generally required for vertical applications and plenum cables are required where there is a positive ...

The information contained in this manual should serve as a guide to proper handling, installing, testing, and for troubleshooting problems with fiber optic cables.

Survey rods must be planted in line at selected pole positions so that, when erected, the poles will be in a straight line. A spirit level must be used to verify that there is no lean to the rods.

Support structures for fiber optic cable installations should be completed before the installation of the fiber optic cable itself. Outside plant structures should be installed in conformance with all permits ...

At UES Construction, we specialize in aerial cable placement - an efficient method for deploying fiber optic networks along utility poles. This approach maximizes existing infrastructure and offers ...

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