

Methods of hanging optical cables



Overview

Many people are confused about the hanging of aerial optical cables. In fact, there are two methods for aerial optical cables laying: one is "fixed-pulley traction method", including "manual traction method" and "mechanical traction method"; the other is "cable tray moving and. Deploying fiber above ground on poles or towers removes the need for underground digging and is particularly useful when the ground is uneven, rocky or both. Aerial installation is generally much less costly than underground construction also. Failure to do so can result in life-threatening truck or on a ladder so that it cannot fall. Materials and equipment should not be used for in your company's safety procedures and, if necessary, lineman's rubber gloves. Aerial Cables are supplied as. 4. FO-VC2 JOINT USE - VERTICAL MIDSPAN CLEARANCES 48.

Methods of hanging optical cables



Fiber optic cable may be installed indoors or outdoors using several different installation processes. Outdoor cable may be direct buried, pulled or blown into conduit or innerduct, or installed aerially ...



Refer to the cable specification sheet for the specific allowed tension for each cable. Coils are required for all ribbon gel-free and gel-filled armor cables that are in a butt-type closure any other closure, or ...



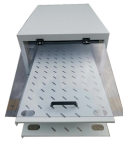
There are two ways to lash cable to a messenger, the moving reel method and the stationary reel method. In the moving reel method, the reel is moved slowly under the route while the lasher is ...



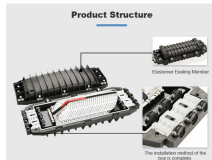
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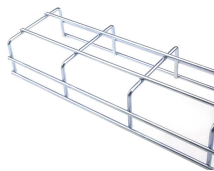
Aerial optical cable is suspended in the air from poles and/or support structures. Most often it is supported between poles by being lashed to a wire rope messenger strand with a small gauge wire.



Fiber optic cable sequential numbers are required at each pole location and vault wall. Sequential numbers will identify conduit length, and slack left in vaults and at poles.



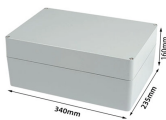
A certain amount of plastic pipes can also be pre-laid in the building, and the optical cable can be laid by traction or vacuum method when the optical cable is to be laid later.



In general, fiber optic cable can be installed with many of the same techniques used with conventional copper cables. Basic guidelines that can be applied to any type of cable installation are as follows:



Using this method, the fiber optic cable is pulled into place beneath the strand using cable blocks. Lashing the cable to the strand then begins at the far end of the cable route with the lasher being ...



When it comes to installing Optical Fiber Cables in outdoor environments, two primary techniques stand out: Trenching for Fiber Optic Cables and Direct Burial Fiber Optic Cables. Each ...

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