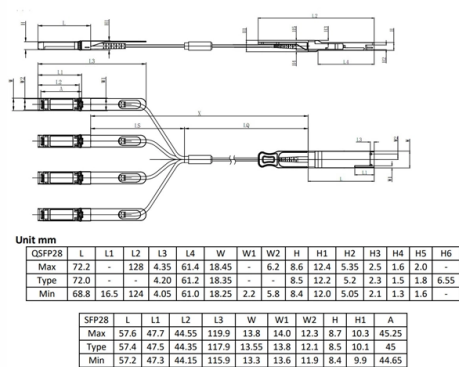


What is the tool used to make fiber optic cable hanging clips called



Overview

These fiber optic tools are designed to easily give a technician quick access to interior optical fibers in a variety of cables.

Key Takeaways

To make or install fiber optic cable hanging clips, you need a combination of hand tools, cable preparation tools, and fastening equipment to ensure secure and safe installation.



1. Cable Strippers and Fiber Strippers Fiber optic cable strippers are used to remove the outer jacket and buffer coating without damaging the delicate glass fibers inside. For hanging clips, you may need to strip small sections of the cable to fit into the clip or prepare the cable for splicing or termination nearby. Multi-hole or 5-in-1 strippers are ideal for different cable sizes and coatings . 2. Kevlar Cutters or Scissors Fiber optic cables often contain Kevlar yarn for strength. Kevlar scissors are necessary to cut these strength members cleanly without fraying, which is important when securing the cable in clips . 3. Diagonal Cutting Pliers These pliers allow precise cutting of cable ends or small metal components of the hanging clips. They ensure clean cuts without crushing the fiber . 4. Hand Tools for Fastening Common hand tools such as screwdrivers, pliers, wrenches, and socket sets are needed to attach clips to walls, ceilings, or poles. Depending on the clip type, you may also need a hammer or drill for anchors . 5. Cable Preparation and Cleaning Tools Before securing the cable, it's important to clean the fiber and remove any debris. Lint-free wipes, isopropyl alcohol, and cleaning sticks help maintain signal integrity when handling exposed fiber sections . 6. Measuring and Marking Tools A tape measure, marker, or chalk line ensures proper spacing and alignment of hanging clips along the cable route.

Optional Tools

- Cable Pulling Tools: For longer runs, a cable puller or fish tape can help guide the cable through conduits or along walls before securing it with clips .
- Safety Equipment: Gloves, safety glasses, and protective clothing are recommended to prevent injury from sharp fibers or tools.

Summary

To install fiber optic cable hanging clips effectively, you need fiber strippers, Kevlar cutters, diagonal pliers, hand fastening tools, cleaning supplies, and measuring tools. These tools ensure the cable is prepared correctly, secured safely, and maintains optimal performance throughout the installation .

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