CTS-SLITTER-MIDSPAN-R

Preparation Tool - Mid Span Slitter for ADSS, MASS, Microduct or Armoured Cable. Red wheel is adjustable from 0.157 in. (4 mm) to .939 in. (10mm) cable OD. The versatile design allows jacket or shield slitting on non-fiber optic cables as well. Tool slits outer polyethylene jacket and armor in one operation. Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting). Cable guide wheel provides cable stability and allows for easier tool movement along the cable. Includes tool, cable guide wheel and bearing.

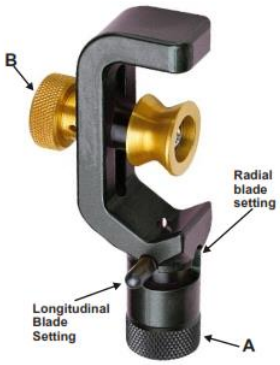
Unit Dimensions: 3.9” (10cm)
Unit Weight: 9.94oz (284gr)

OPERATING INSTRUCTIONS:

A. DETERMINE CABLE CONSTRUCTION

- Multi-fiber cable construction may have a strength member that is internal and adjacent to the fibers or external and adjacent to the armor and jacket. To avoid tool damage, first determine the cable construction.

B. SET THE BLADE



- The tool will be shipped with the slitting blade retracted. With a sample piece of cable as a guide, the cutting blade depth setting can be made.
- The bottom of the thumb knob “A” has a slotted set screw that adjusts the blade height as it is turned. The bottom of the thumb knob also has 10 graduations. Each full turn of the adjusting screw amounts to .042” of blade travel. In turn, each graduation equals .0042” of blade adjustment.
- When the blade is set properly, the tool will create a ”zipper” sound on armored cable. Avoid setting blade too deep so to protect underlying layers.

C. TOOL OPERATION

➢ *Follow steps 1-6 for cable with internal or external strength member. (LONGITUDINAL CUT)*

1. Loosen black thumb knob “A” completely, rotate the blade assembly to the longitudinal position. (the picture shows blade set for radial cut)
2. Place cable in tool opening. Adjust the roller with yellow thumb knob “B” for a snug fit.
3. Tighten black thumb knob down to position blade for longitudinal cuts.
4. Pull the tool down the length of cable to be stripped. If working on an external strength member cable with a “lay”, the tool will follow the hardened strength members and slightly spiral down the cable. Allow the tool to follow the strength member.
5. Loosen black thumb knob and rotate the tool 180° about the cable. Re-tighten black knob and perform second longitudinal cut.
6. The cable is now ready to be split open with pliers or screwdriver and trimmed.

➢ *Stop at step 6 for cables with external strength members.*

7. The following additional steps apply only to cable with internal strength members. (RADIAL CUT)
8. A radial slitting operation can be performed near the midpoint of the longitudinal cut. Slide tool to desired position. Loosen black thumb knob “A” completely, swing blade assembly 90° to the radial setting , re-tighten black knob to set the blade depth.
9. Rotate tool about the cable to perform a ringing cut.
10. The cable can now be split open, “banana peeled” and trimmed.

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CTS PATHWAYS – ADSS FIBER TOOLS

CTS-STRIPPER-OH-ADSS

Preparation Tool - Ultra Lightweight Overhead Cable Sheath Stripper (ADSS Cables). Slits cables up to 7mm in diameter with a locking mechanism to ensure stripper remains closed during the sheath stripping operation. A wrist strap and user instructions are supplied with each stripper.

Unit Dimensions: 17.5 x 5.0 x 2.5cm
Unit Weight: 14.04oz (398gr)

Warning! **This tool should not be used on live electrical circuits. It is not protected against electrical shock!** Always use **OSHA/ANSI** or other industry approved eye protection when using tools. This tool is not to be used for purposed other than intended. Read carefully and understand instructions before using this tool.

OPERATING INSTRUCTIONS:

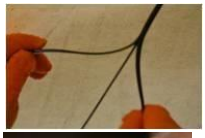
⚠ **During cable handling it is essential that the cable should not be kinked or crushed**

1. **TOOL OPERATION**
   - Open the Cutter by lifting the black actuating lever

2. **CABLE POSITIONING**
   - Mark the cable sheath at the required position for the start of the cut
   - Place the cable into the tool so that it sits in the guide groove along the jaws and the channel in the black cutter cassettes
   - Ensure the yellow marks on the cable sheath are in line with the upper and lower blades before closing the cutter

3. **STRIPPING TOOL OPERATION**
   - Close the cutter by squeezing the jaws and the actuating lever together. Ensure the actuating lever is fully home into the upper jaw
   - Retaining pressure on the cutter, pull the tool in the direction shown
   - The cable sheath is cut both top and bottom along the 2 longitudinal yellow sheath marks

4. **CABLE SHEATH REMOVAL**
   - From the cable end, identify the 2 sheath cuts
   - Using a suitable tool, start to separate the two halves of the cable sheath
   - Once a suitable length has been achieved, manually grip and pull sheath apart
   - Separate down to the sheath mark and using a diagonal cutter, remove the two halves of cable sheath at the sheath mark



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