

Jacket Removal Procedure for Premise Distribution Cable

Scope:

The following procedure provides detailed instructions on how to prepare Berk-Tek's Premise Distribution cable for termination or splicing.

Required Tools:

Ideal 45-164 large blue cable strippers, Ideal 45-163 small blue cable strippers, Kevlar sheers or electricians scissors, hook-blade knife, safety gloves, and safety goggles.

Safety:

1. Always wear protective gear when stripping fiber optic cable to protect yourself from glass fragments and sharp instruments.
2. Wearing safety gloves to protect your hands from injury when using sharp-bladed tools is recommended. Dispose of used blades properly.
3. Consult the cable specification sheet for recommendations for pulling force, and bend radius. Applying more force to the cable, crushing or kinking the cable may alter the transmission characteristics of the fiber cable.
4. If the process described herein conflicts with your company's normal safety procedure, your company's normal safety procedures should take precedence.

Procedure:

1. Adjust the depth of the cutting blade of the Large Ideal tool to approximately equal the thickness of the cable jacket. Adjusting the cutting blade too deep may damage the buffer tubes.

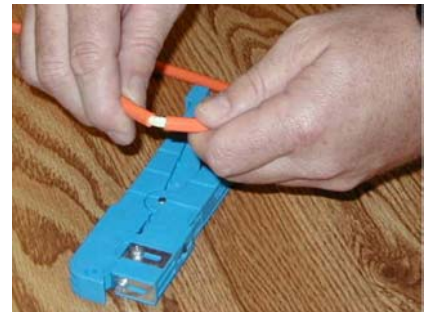


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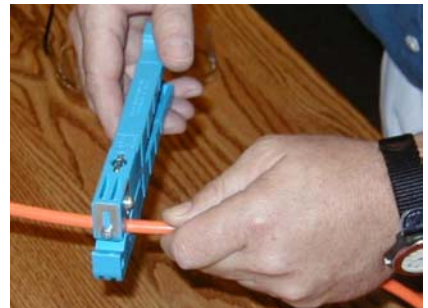
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2. Insert the cable into the Ideal stripping tool. Rotate the tool around the cable adding pressure to ensure that the blade has completely penetrated the cable jacket. Remove the stripping tool.

3. Grasp cable, positioning your hands on each side of the cut. Twist or bend the cable to make the jacketing material completely sever. Be careful when bending the cable not to kink the buffer tube located under the jacket. Remove the cable jacket by sliding it off.



4. Make a second cut by inserting the cable into the Ideal stripping tool at the point the fibers need to be exposed. Rotate the tool around the cable adding pressure to ensure that the blade has completely penetrated the cable jacket. Use care to avoid damaging the buffer tube. Remove the stripping tool.



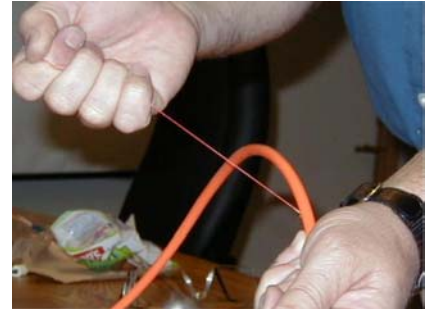
5. Using a hook blade knife, notch the end of the cable jacket next to the ripcord. This allows the stripping process to start easily.



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6. Grasp the ripcord firmly with your hands. Protecting your hands with gloves or wrap the ripcord around a tool such as the shaft of a screwdriver to protect your hands and aid the pulling process is highly recommended. Pull the ripcord through the jacket to the location of the second cut in the cable jacket.



7. Peel the jacket away from the fiber buffer tubes and water absorbing strength members.



8. Cut away the strength members with Kevlar sheers or electricians scissors.



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