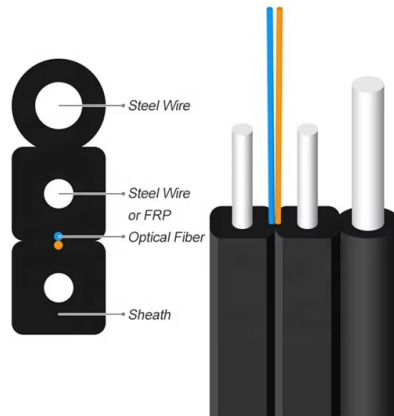


How to quickly thread a pigtail through a corrugated tube



Overview

Obtain informed consent if possible, obtain all supplies needed, have drainage system opened and ready to go.

Key Takeaways

Threading a pigtail through a corrugated tube requires careful preparation, using a guide or fish tape, and securing the wire to prevent snags or damage. Step-by-Step Guide



1. Prepare the Pigtail and Tube Ensure the pigtail wire is stripped and ready for connection, and inspect the corrugated tube for any sharp edges or debris that could damage the wire. Trim the tube ends if necessary to create a smooth entry point . 2. Use a Guide or Fish Tape Insert a flexible guide, such as fish tape or a stiff wire, through the corrugated tube first. This will act as a path for the pigtail and make threading easier, especially for longer or curved tubes . 3. Attach the Pigtail to the Guide Securely attach the pigtail wire to the end of the guide using electrical tape or a small loop. Make sure the connection is smooth and streamlined to prevent catching on the corrugations . 4. Thread the Wire Through Gently pull the guide through the tube, bringing the pigtail along. Rotate or wiggle the wire slightly if it encounters resistance, but avoid forcing it, as this can damage the insulation . 5. Check for Snags and Adjust If the wire gets stuck, back it out slightly and try a different angle. For tight bends, a lubricant like a small amount of silicone spray can help the wire slide more easily without compromising insulation . 6. Secure and Connect Once the pigtail is fully threaded, remove the guide and connect the wire to the device or terminal. Ensure all connections are tight and properly oriented, and label wires if needed for clarity . 7. Final Inspection Double-check that the wire is not pinched or stressed inside the tube. Restore power and test the circuit to confirm proper operation .

Tips for Success

- Use light, flexible pigtail wires for easier threading.
- Avoid sharp bends in the corrugated tube to reduce friction.
- Consider pre-lubricating long or complex runs for smoother installation.
- Always turn off power before starting to ensure safety . By following these steps, you can efficiently thread a pigtail through a corrugated tube while maintaining wire integrity and ensuring a safe, reliable electrical connection.

Article Content

CN108173170B

The invention proposes a pigtail pipe threading device and a method of use, wherein the device includes: a wire clamp and a traction

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This video is an educational video on how to insert a pigtail catheter chest tube. This video is for educational purposes

Seldinger ("pigtail") chest tube placement

Advance the pigtail catheter over the wire through the dilated tract. A twisting motion may be needed to advance the catheter through

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