

How to connect the yellow pigtail of a network cable

Article Overview

To connect the yellow pigtail of a network cable, strip the cable, untwist the pairs, arrange the wires according to T568B (or T568A) standard, insert them into the RJ45 connector, and crimp securely.

Step-by-Step Instructions

- Prepare the Cable Strip about 1-1.5 inches of the outer jacket from the cable using a wire stripper, exposing the twisted pairs inside. Untwist the pairs carefully and straighten them out.
- Identify the Yellow Pair In standard Ethernet cables, the yellow wire is usually part of the green pair (green/white-green or green) in T568B wiring. Ensure you know which pin the yellow wire corresponds to in your chosen standard.
- Arrange the Wires Flatten the wires and arrange them in the correct order for your wiring standard:
 - T568B: White-Orange, Orange, White-Green, Blue, White-Blue, Green, White-Brown, Brown
 - T568A: White-Green, Green, White-Orange, Blue, White-Blue, Orange, White-Brown, BrownPlace the yellow wire in its correct position according to the standard you are using.
- Trim and Insert Cut the wires evenly, leaving about 0.5 inch exposed from the sheath. Insert the wires fully into the RJ45 connector, ensuring each wire reaches the end and the flat side of the plug faces upward with the clip down.
- Crimp the Connector Use a crimping tool to firmly crimp the RJ45 connector, secur...

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Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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