DINTEK
LAN CABLING SYSTEMS

# Installer Instructional Worksheet

# ezi-PLUG™ Pass Through Termination

## Parts & Tools Required (or similar)

1. 6101-05004 | DINTEK ezi-STRIPPER™
2. 6102-01021 | DINTEK Passthrough Crimp Tool
3. 1501-88060 | DINTEK Passthrough RJ45 ezi-PLUG™
4. 6201-01005 | DINTEK Copper & Optical Cable Tester

### STEP 1

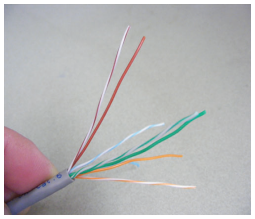
Begin the process by taking your UTP Cable and if making a patch cord, place a boot on the cable end.

### STEP 2

Next, using the strippers, strip approximately 40mm (1 1/2 inch) of jacket from the cable at each end. One turn only.

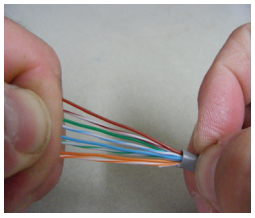
### STEP 3

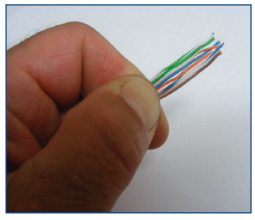
Untwist back to the end of the jacket. Straighten the wires, ready for assembling in order according to 568A or 568B.

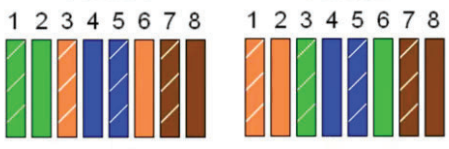


### STEP 4

Place the wires in the order of diagram shown below. Using wire placement for 568A or 568B spec. Bring all of the wires together, un. I they touch. Hold the grouped wires together tightly, between the thumb, and the forefinger. Recheck wiring sequence with the diagram below.

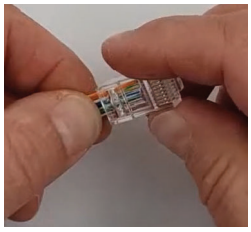






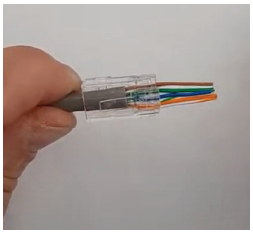

### STEP 5

Place the wires inside the ezi-PLUG and push through till the wires exit the front of the plug.



### STEP 6

After inserting the wires through the front, push the cable as far in as is possible, to ensure the least amount of wire untwist



### STEP 7

Once you are satisfied that the wires are seated fully at the plug contacts, insert the plug into the crimping tool and crimp the cable to the plug.

### STEP 8

Crimp the ezi-PLUG™ which will also secure the boot into the Plug body, and trim the wires from the front.

### STEP 9

After termination, use a DINTEK continuity tester to check cable. Conduct a QC test on the RJ45 Crimps, and a Wire Map test.


## ezi-PLUG™ Termination Checklist

1] Where the wires undamaged when stripping ☐

2] Were the twists pushed in as far as possible towards the terminating pins ☐

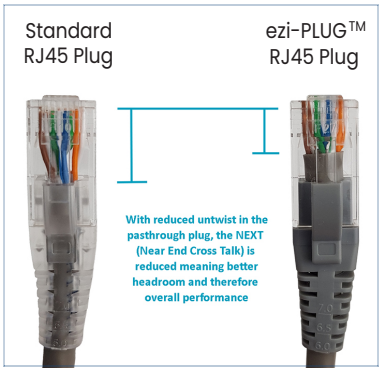
3] No insulation on wire cores was damaged by the stripping of outer sheath ☐

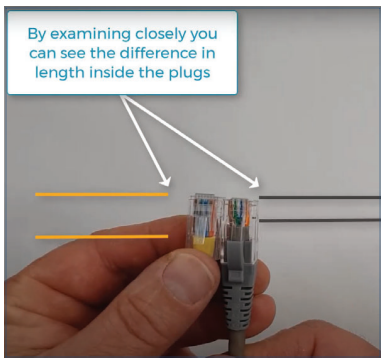
4] Wires grouped together in required specifcation 568A or 568B ☐

5] Wires crimped successfully with cable sheath underneath the plug clamp? ☐

6] Outer sheath successfully crimped underneath sheath grip inside plug? ☐

7] Cable QC test and wire-map test passed correctly? ☐




By using the DINTEK ezi-PLUGTM instead of a normal style RJ45 plug, the twists can be moved closer to the pins, maximizing performance.

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INSTRUCTION SHEET

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