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Instruction Sheet
Unshielded 110connect keystone Jacks

Unshielded 110connect keystone Jacks PN: 232120-00-K12 | 232130-00-K12 | 233120-00-K12 | 233130-00-K12

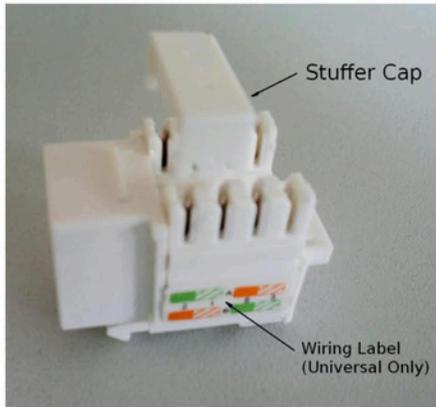


Figure 1

1. Introduction

This instruction sheet provides termination procedures for the unshielded keystone jacks (Category 5e and 6). This instruction sheet is suitable for jacks with ORCA PN: 232120-00-K12 | 232130-00-K12 | 233120-00-K12 | 233130-00-K12

2. Description

The jacks accept four pair, twisted-pair cable with 22 to 26 AWG solid conductors and 20 to 26 AWG stranded conductors. The maximum conductor insulation diameter is 1.27mm.

3. Termination

Strip back generally a length of 50.8 mm, maximum will meet most applications, depending on method of termination. See Figure 2.

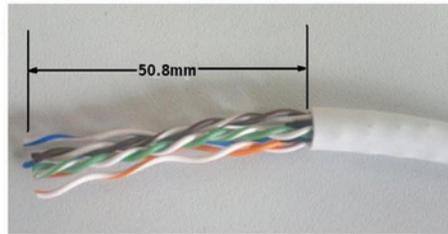


Figure 2

Note 1: Keep wire twist to within 12.7 mm of termination.

Note 2: Follow color code on label

4. Installation Procedure



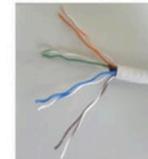
Step 1

Select ORCA UTP Keystone Jack 90° type, follow TIA/EIA-568-A or TIA/EIA-568-B. You must use the same standard for both ends of the cable. TIA/EIA-568-B is the newer standard most commonly used.



Step 2

Strip approximately 50.8 mm of the outer jacket from your CAT6/CAT5e cable. Be careful not to nick or damage the insulation of the individual conductors.



Step 3

Separate and straighten each pair of wires, leaving 1-2 twists just before the outer jacket. Arrange the wires in the proper order according to the wiring standard selected in Step 1. This example is using TIA/EIA-568-B.



Step 4

Insert the brown pair and opposite rear color pair with appropriate color code slots into the jack body (use minimum slack while maintaining twist to within 12.7mm of termination). Then repeat it with blue pair and opposite front pair.

Note 3: Wire termination requires the use of Impact Tool 263000-00, ORCA Universal Wire Insertion Tool and stuffer cap.

Note 4: Set impact setting for low-impact. See Figure 3 for desired wire dress and cutoff orientation.

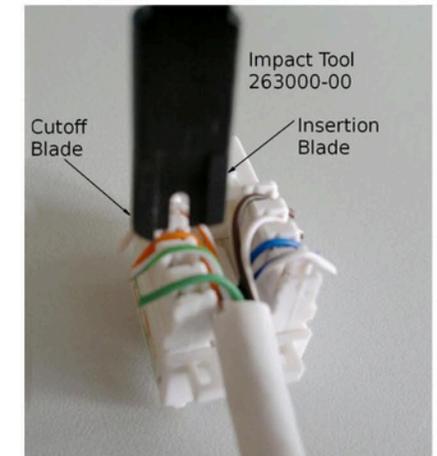


Figure 3

Updated document to corporate requirements.