

KEYSTONE JACK CAT6 UNSHIELDED TOOL-LESS



1.0 Scope

This document provides installation instruction for unshielded Tool-less Keystone Jack Cat6 UTP.

2.0 Product Description

KEYSTONE JACK CAT 6 UTP TOOL-LESS offered by Molex can be installed in Unloaded Keystone-footprint Patch Panels as well as series of Keystone adapters.

SERIES: 18043

3.0 Procedure

Required tools are cable strippers, wire clipper and screwdriver.

U/UTP Cable preparation:

3.1) Strip the cable for minimum 35cm (Fig.1)

3.2) Cut off rip-cord (Fig. 2)

3.3) Cut off the central element (Fig. 3)

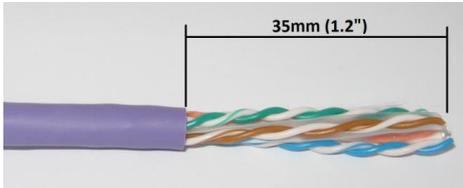


Fig.1

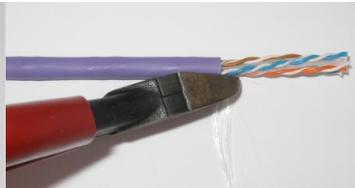


Fig.2



Fig.3

4.0 Jack termination:

3.4) Insert cable into termination cap. (Fig. 4)

3.5) Position each pair to appropriate slots according to wiring scheme. (Fig. 5, Fig. 6, Fig. 7)

3.6) TIA 568B sequence color coding is printed on the termination cap. If jack is to be terminated in TIA 568A Sequence then orange color must be swapped with green. (Fig. 8, Fig. 9)

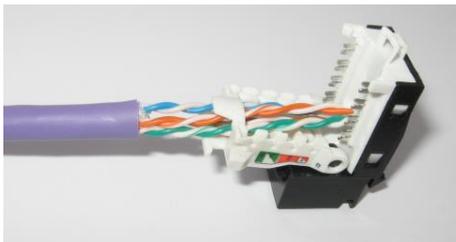


Fig.4

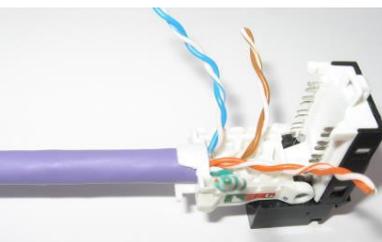


Fig.5

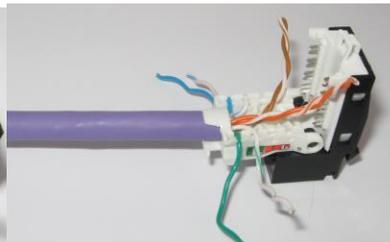


Fig.6

| | | | | |
|---|--------------------|-------------------|--------------|--------|
| ENGINEERING RECORD NO : 633452 | SAP NO : 187000496 | Doc No: 187000496 | Doc part: AS | REV- A |
| http://www.molexcs.com | | | | |

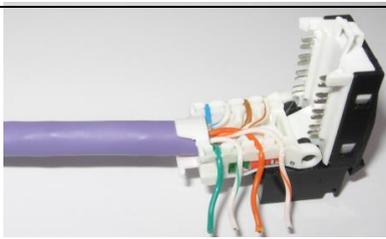


Fig.7



Fig.8

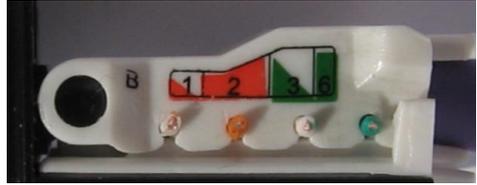


Fig.9

3.7) Press termination cap all the way down. (Fig. 10, Fig. 11)

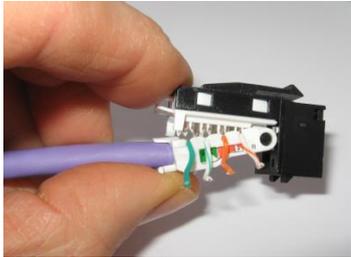


Fig.10



Fig.11

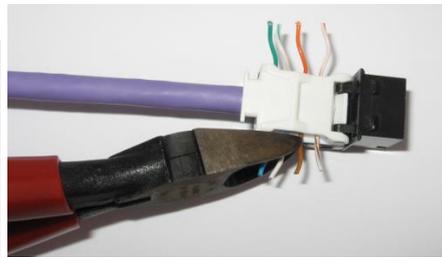


Fig.12

3.8) Cut the excess of wires off. The tips of the wires should protrude no more than 0.5mm. (Fig. 12 , Fig. 13)

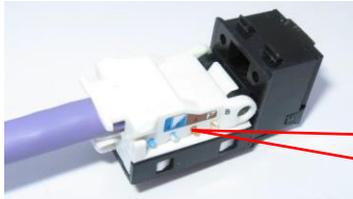
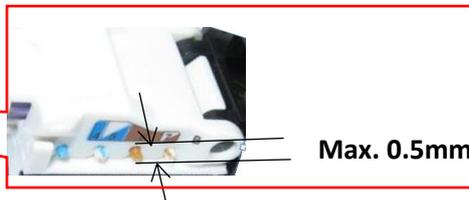


Fig.13



Max. 0.5mm

3.9) Fix the cable tie around the jack and termination cup. (Fig. 14)

3.10) Install the dust shutter. The termination is completed (Fig. 15 , Fig. 16 , Fig. 17)



Fig.14



Fig.15



Fig.16

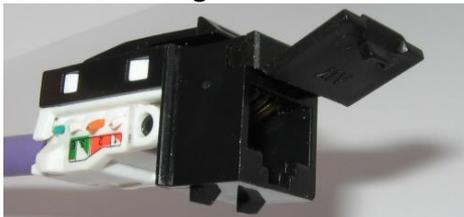


Fig.17

5.0 Disassembly procedure:

3.11) Cut off the cable tie. (Fig. 18)

3.12) Pry termination cup gently by using flat screwdriver at the sides of the cap. Pry one end first and then the other end subsequently. The module is opened. (Fig. 19, Fig. 20)



Fig.18

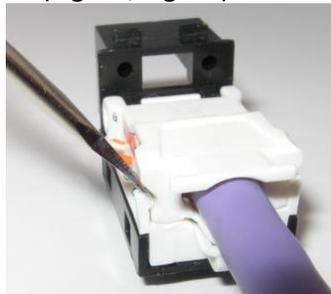


Fig.19

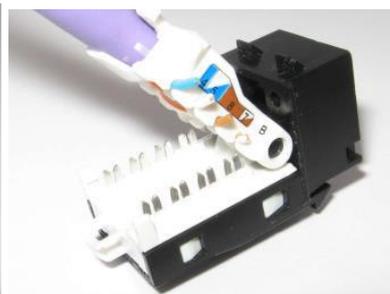


Fig.20