PANDUIT

45° Up/Down UTP Field Term Plug and Wire Caps

Part Numbers: FPUD6X88MTG, FPUD6X88MTG-X, CPUDCAPBL-X

INSTALLATION INSTRUCTIONS **PN617**

45° Up/Down Wire Cap

Plug

Protective Cap

Cat 6A/6/5E (CPUDCAPBL-X)

(FPUD6X88MTG)

45° Up/Down Wire Cap

Understanding the Label

IMPORTANT!: Determine the desired cable direction **before** wiring the cap. The cap orientation, in relation to the plug, **must** be kept consistent throughout the entire termination.

"Down" Orientation

"Up" Orientation

Follow dotted line instructions for **"Down" Orientation**. (pages **4-5**)

Follow solid line instructions for **"Up" Orientation**. (pages **2-3**)
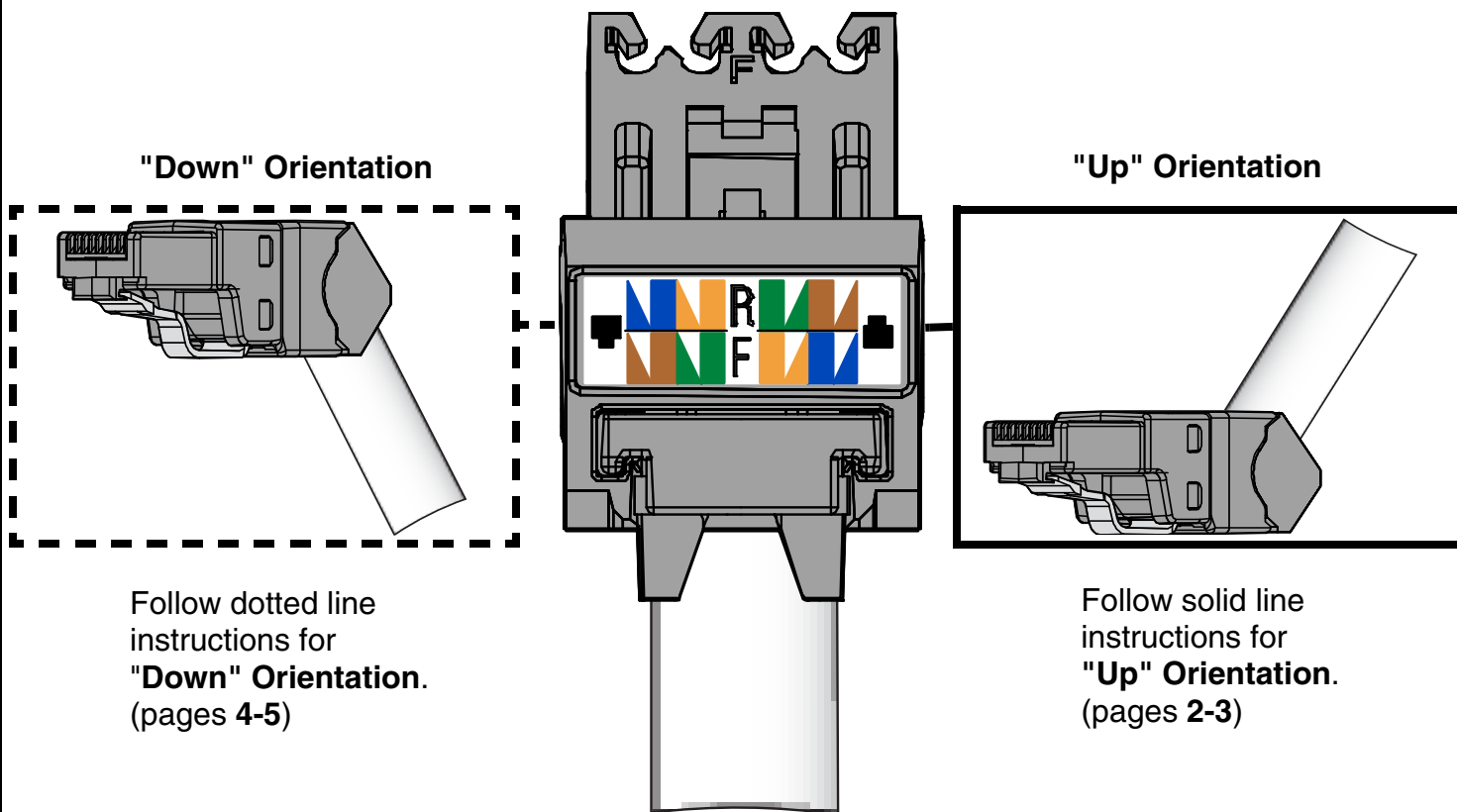
IMPORTANT!: Be sure that strain relief is fully retracted before inserting cable.
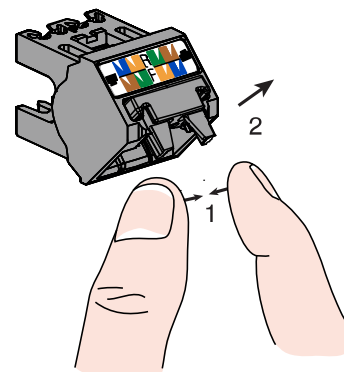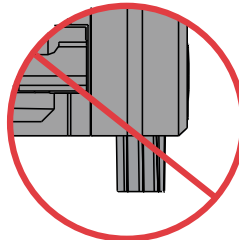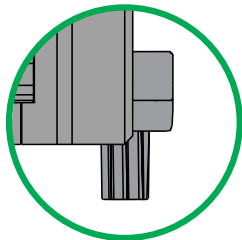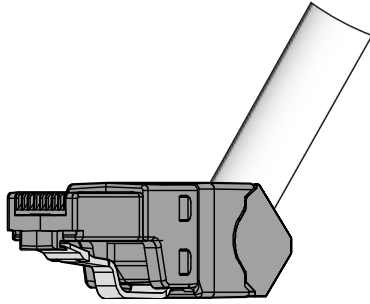
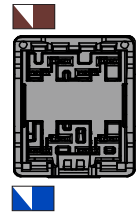*For Technical Support: www.panduit.com/resources/install_maintain.asp*
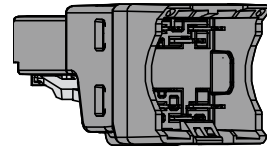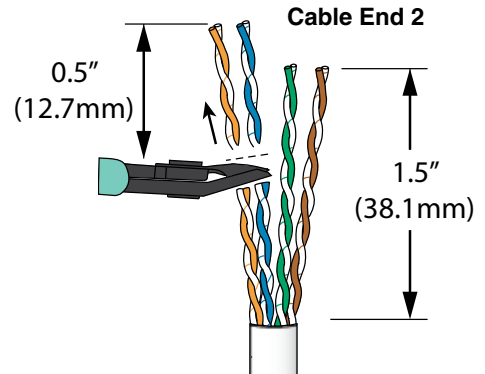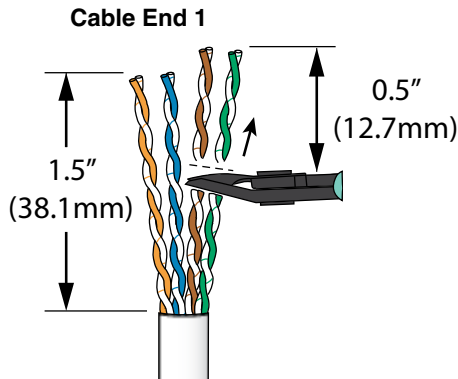
"Up" Orientation

IMPORTANT!
The Brown/White & Blue/White wire pairs will always connect to the positions shown in the plug housing.

1

Cable End 1

0.5″ (12.7mm)

1.5″ (38.1mm)
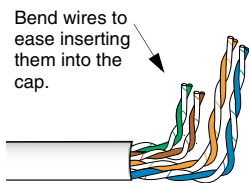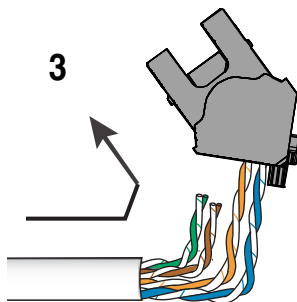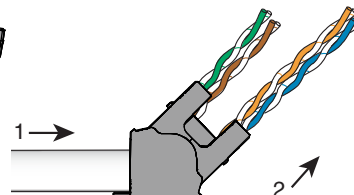
Cable End 2

0.5″ (12.7mm)

1.5″ (38.1mm)

Do not pre-arrange conductors.

2 Bend wires to ease inserting them into the cap.

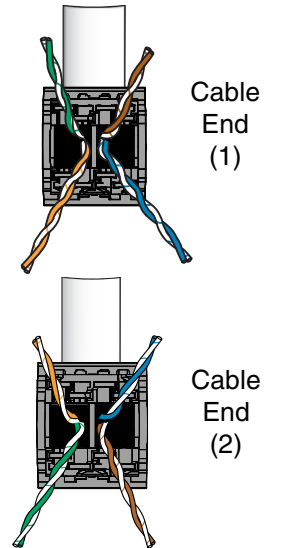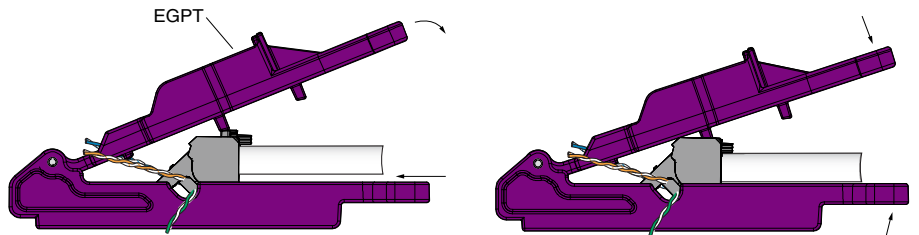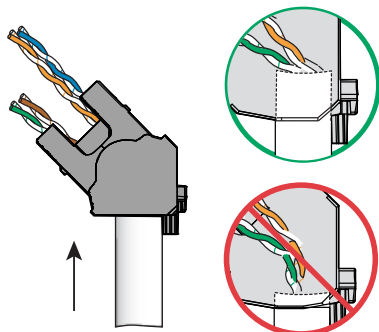**3**

4

1 →

2 ↗

Cable End (1)
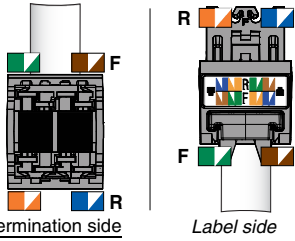
Cable End (2)

Cable End 1 Shown
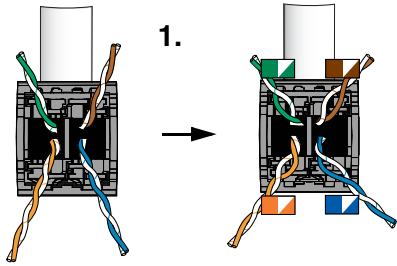
5 Be sure cable is fully inserted into wire cap

EGPT

Cable End 1 Shown

"Up" Orientation

6

T568B Wiring
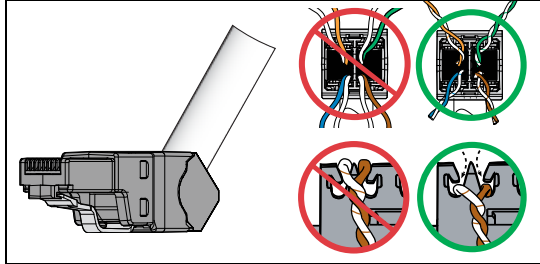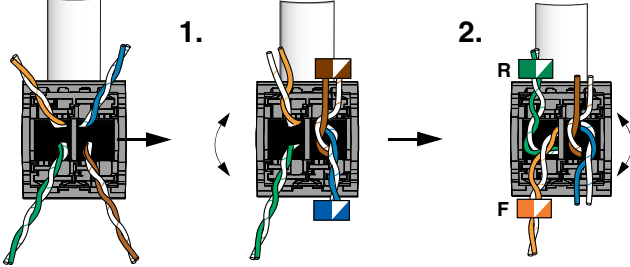
Termination side   *Label side*

Cable End 1

1.

Cable End 2

1.   **2.**

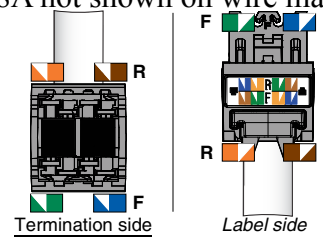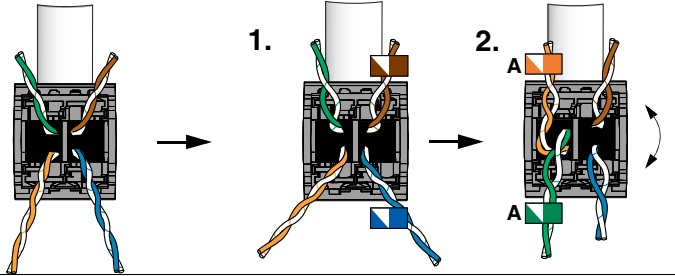## T568A Wiring
(T568A not shown on wire map label)

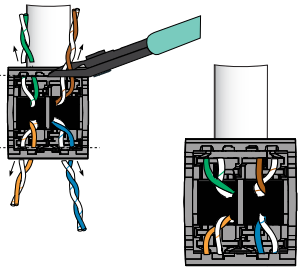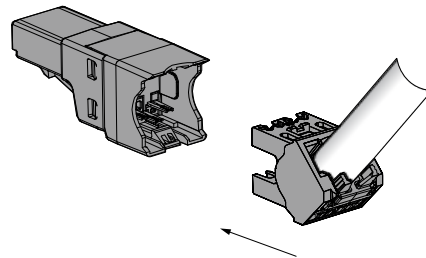Termination side   *Label side*

Cable End 1

1.   **2.**

Cable End 2

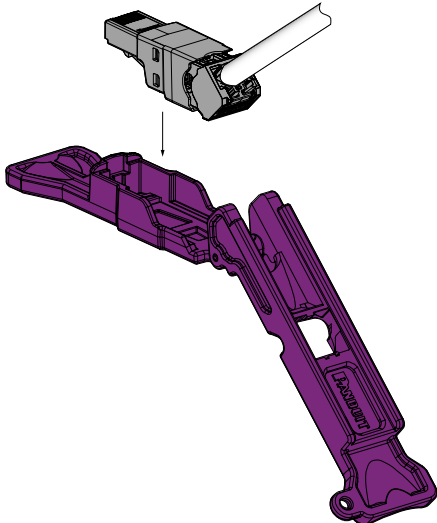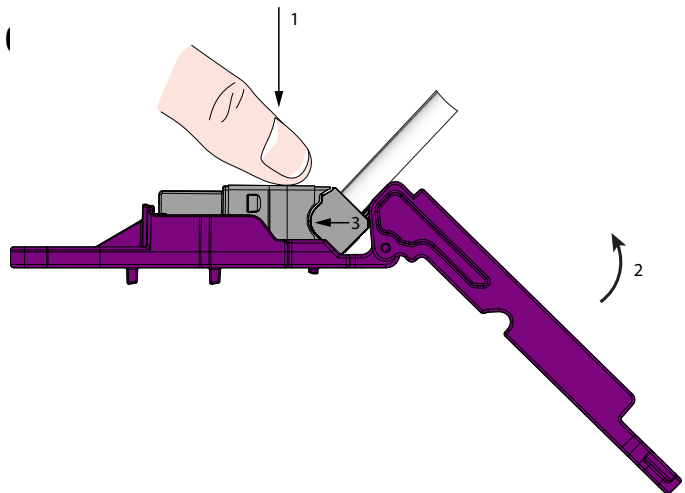**1.**   **2.**

7

8
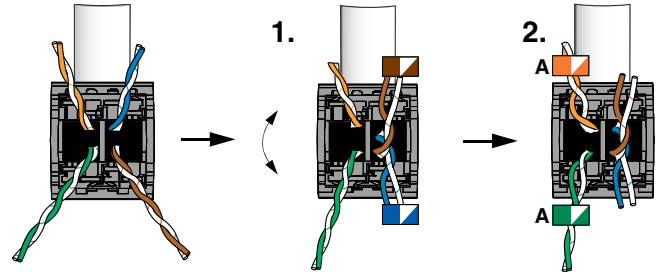
Important!
Maintain orientation of cap in relation to jack from previous steps.

9

10

"Down" Orientation

IMPORTANT!
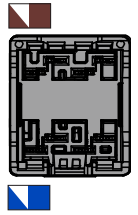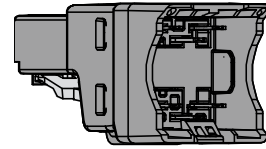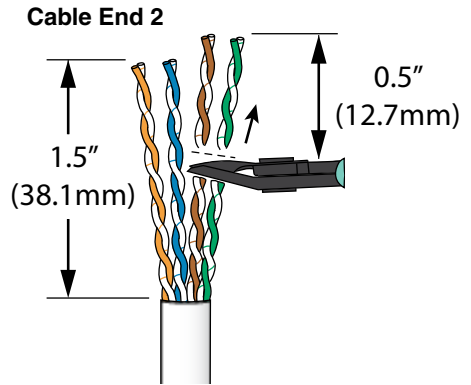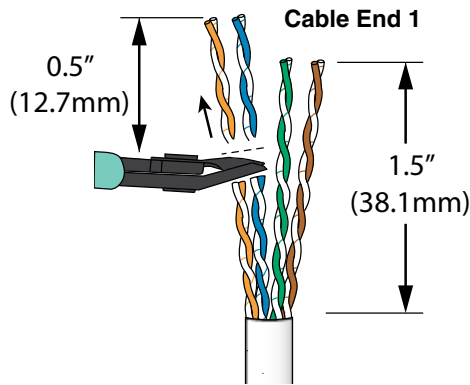The Brown/White & Blue/White wire pairs will always connect to the positions shown in the plug housing.

1

Cable End 1

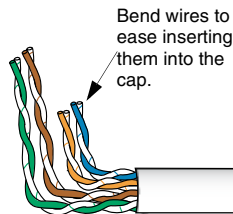0.5″ (12.7mm)

1.5″ (38.1mm)

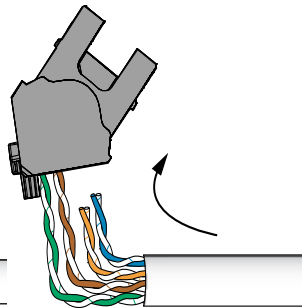**Cable End 2**
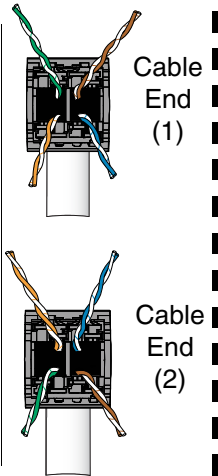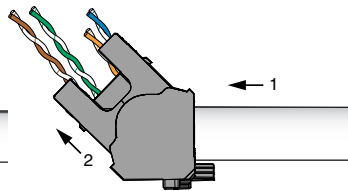
0.5″ (12.7mm)

1.5″ (38.1mm)

Do not pre-arrange conductors.

2
Bend wires to ease inserting them into the cap.

3

4

1

2

Cable End 1 Shown

Cable End (1)
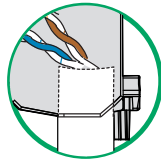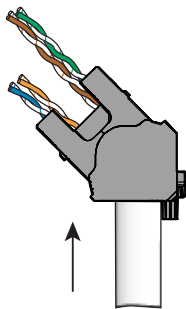
Cable End (2)

5
Be sure cable is fully inserted into wire cap

EGPT

Cable End 1 Shown

"Down" Orientation

6   ### T568B Wiring

Termination side   *Label side*

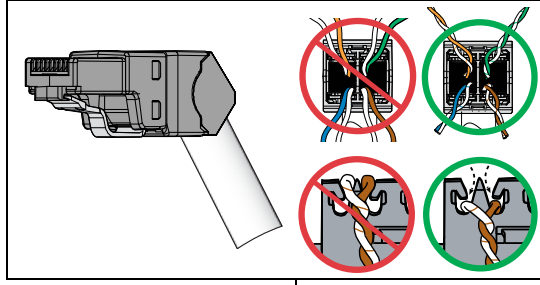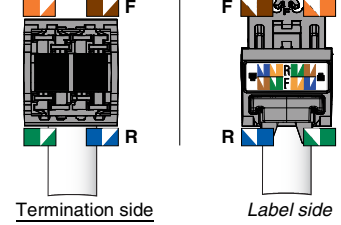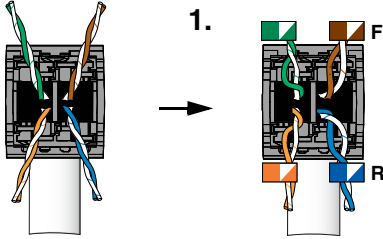### T568A Wiring
(T568A not shown on wire map label)

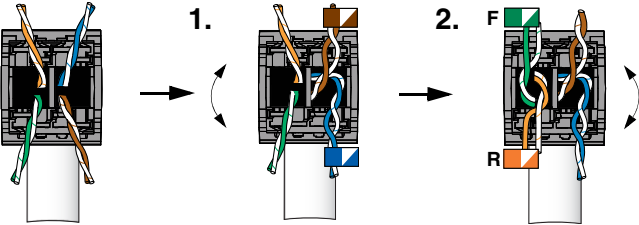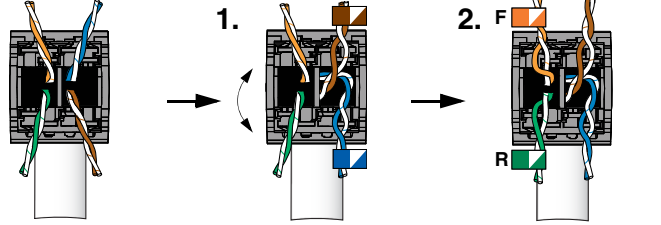Termination side   *Label side*

Cable End 1   **1.**

Cable End 1   **1.**   **2.**

Cable End 2   **1.**   **2.**

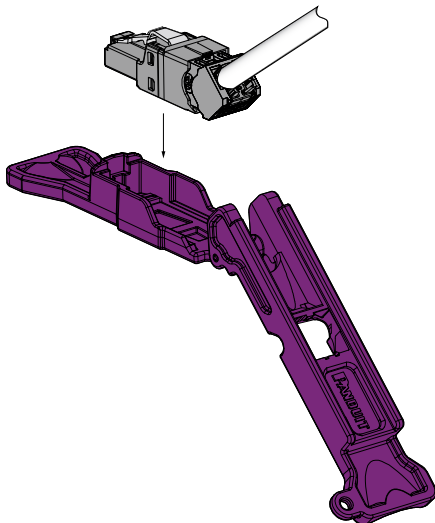**Cable End 2**   **1.**   **2.**
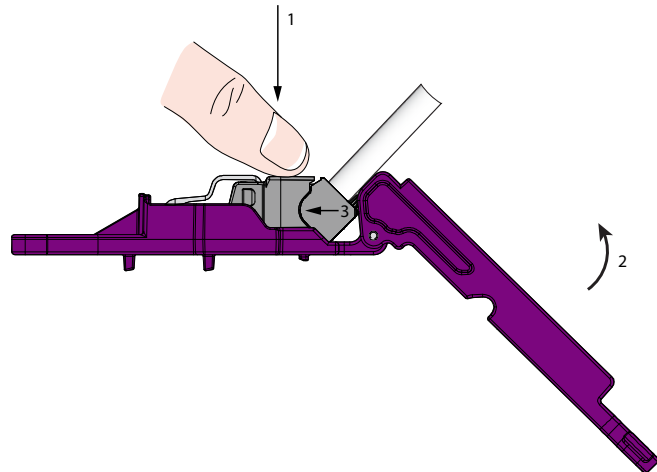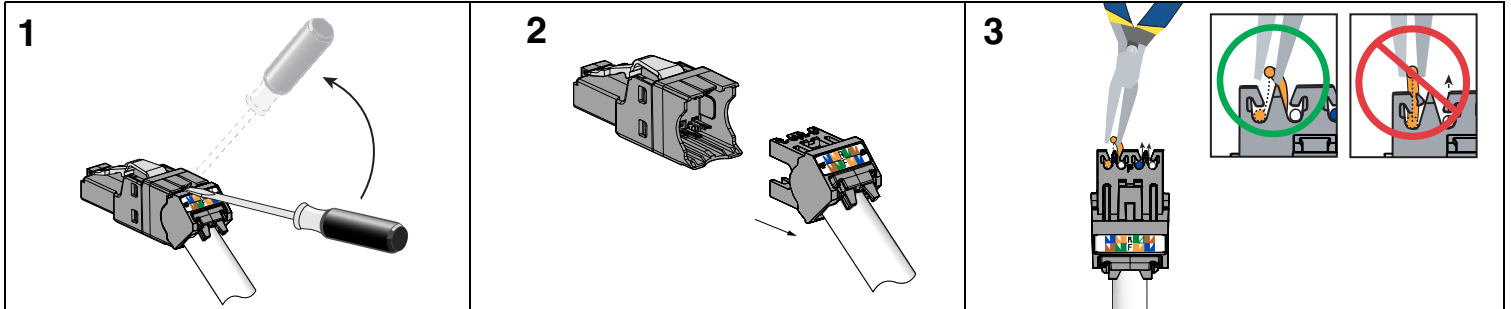
7
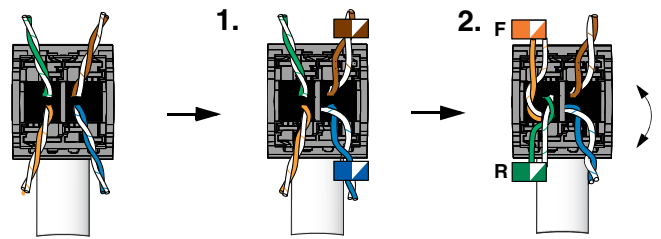
8   ***Important!***
Maintain orientation of
cap in relation to jack
from previous steps.

9

10

REMOVAL STEPS

Notes:
1. For specified performance, follow TIA/EIA 568-C installation guidelines.
2. Jack Modules can terminate 22-26 AWG solid data cable with 0.062" (1.57mm) maximum insulated conductor outside diameter.
3. Jack Modules may be re-terminated at least 20 times.
4. For technical and performance information, consult Panduit Technical Support.

As with all Wiring Accessories, the following statements apply:
1. Never install communications wiring during a lightning storm.
2. Never install communications wiring in wet locations unless the jack is specifically designed for use in wet locations.
3. Never touch uninsulated communications wiring or terminals unless the communication line has been disconnected at the network interface.
4. Use caution when installing or modifying communication wiring.

For Instructions in Local Languages and Technical Support:
www.panduit.com/resources/install_maintain.asp

PANDUIT
www.panduit.com

E-mail:
techsupport@panduit.com

Phone:
866-405-6654

Page 6 of 6