

# Cat6A Flex Connector

*90° Flex so cables hang vertically!*



**The Cat6A Flex Connector** makes Cat6A and Cat7 terminations easier than ever. The unique patented design ensures top tier performance for Cat6A and Cat7 cabling. These connectors provide a low cost, easy termination solution with high performance and superior connectivity options.

- Tool-less termination design
- Minimal tools required for preparation
- Accommodates Cat6A and Cat7 Cables up to 9.0mm and 26-22 AWG Conductors.
- Works with both solid and stranded conductors
- Machine-precision-set contact height
- Frequency rated up to 1GHz
- 10-Gigabit certified
- PoE+ rated
- Flexible design:
  - Can flex 90 degrees down
  - Can flex 45 degrees up
  - Allows the cable to hang vertically, eliminating bending and the need for strain reliefs



## Ordering Information

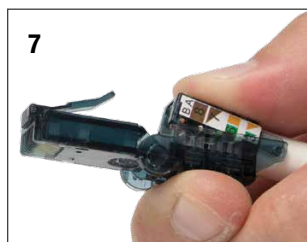
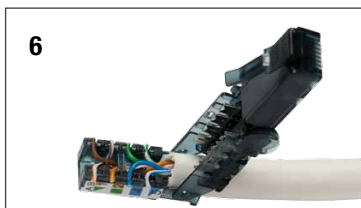
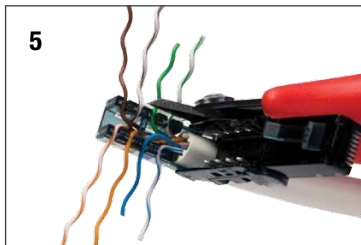
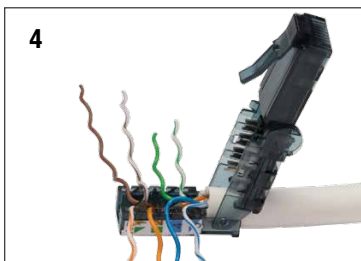
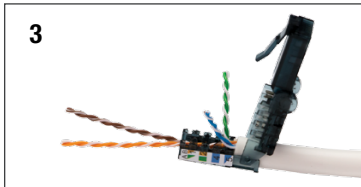
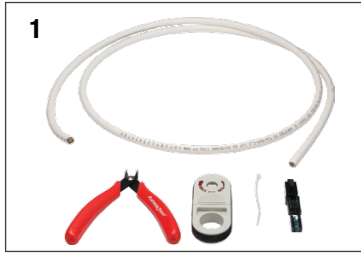
P/N	Description	UPC Code
106220	Cat6A Flex Connector, Non-Shielded	849160008316
106230	Cat6A Flex Connector, Shielded	849160008323

### Patent information:

US patent: US008764476 • Taiwan patent: I493808  
TAA Compliant

## Cat6A Flex Connector Termination Guide

1. Tools required: Flush cutters (PN 10531C), a cable jacket stripping tool (PN 15010C), and the flex connector.
2. Strip jacket and remove any pull cords or internal strength members. Shown is wiring for TIA568B. Cut Green and Blue pairs shorter for easier wire management.
3. Slide pairs into the connector orienting them according to the colors on the wiring guide. Seat the cable jacket up against wire guide.
4. Untwist pairs and align in the corresponding wire slots in the wire guide. The wires will seat into these guides and stay firmly in place.
5. Using flush cutters trim the excess wire flush with the connector wire guide ensuring all wires are in the correct slots.
6. Once all conductors are cut flush you are ready for termination.
7. Fold over the wiring guide and press firmly to close. With larger conductors there may be some resistance and a set of pliers can be used to finish the termination.
8. Once connector is snapped closed, use the included cable tie to secure the cable jacket onto the connector. Insert through the slot on the back end and wrap around the cable jacket.
9. Cinch the cable tie tight and the termination is complete.



## Grounding the Cat6A Shielded Flex Connector:

10. The metal tab on the back end of the wiring guide is used for grounding the Cat6A Flex Connector. This tab can be used for either a drain wire as well as foil or braid.
11. The drain wire can be wrapped up around the divot in the tab. Hold the drain wire and wrap it around this tab 2-3 times making sure it is secure. Solder can be used if necessary.
12. For extra grounding and security this tab can also be inserted into the cable jacket to make contact with the foil or braid. The cable shown here shows both the drain wire and foil being used for grounding.
13. The above guide can be used for terminating both the shielded (PN 106230) and non-shielded (PN 106220) Cat6A flex connectors.

