

**Q: What are my options if a copper cable run exceeds the TIA standard of 90 meters/295 feet?**

**A:** As the cable is over length, that particular drop is most likely not warrantable. If you cannot modify the pathway to reduce the horizontal length, your options would be as follows:

1. Install a low strand count fiber backbone (4-6 strands recommended) to the work area outlet and use a media converter
  - This would be the best solution for a one-off situation
  - If the fiber is left with a decent service coil at the user end it can be converted to a traditional backbone for TR usage later
2. Create a Telecommunications Room (TR) or Telecommunications Enclosure (TE) such as a wall-mount rack or enclosure) to be fed by fiber.
  - Install a switch as necessary for current and future needs
  - This would be recommended if additional drops may be installed later in the area



**Resource:**

[http://www.leviton.com/OA\\_HTML/SectionDisplay.jsp?section=58194&minisite=10251](http://www.leviton.com/OA_HTML/SectionDisplay.jsp?section=58194&minisite=10251)