**Optical Cable Termination Guides**

* 1. **General**
  2. Cable termination should be done by qualified personnel.
  3. Special tools are required when terminating the cable.
  4. Provide an appropriate tension-free length of the cable.
  5. While making an incoming test the length of cable termination should not exceed 300 mm.
  6. Mechanical impact should not exceed the limits for the cable type.
  7. **InAir ADSS Cable Termination**

2.1. Using a stripper make a ring cut in the cable jacket, not cutting the ripcord.

2.2. Using a stripper or slitter make 2 cuts alongside the jacket from the ring cut to the end of the cable.

2.3. Pull the jacket to remove it.

2.4. Remove the ripcord using scissors for aramid yarns.

2.5. Using a stripper make a ring cut in the inner jacket. Care must be taken not to cut all the way through the jacket and into the core.

2.6. Pull the inner jacket carefully. To make it easier, you can do it in several stages.

2.7. Unwind and remove the connecting yarns of loose tubes twist.

2.8. Using a D-Gel or gasoline remove water-swellable gel.

2.9. Unwind the loose tubes.

2.10. Cut the central strength member as appropriate.

2.11. Cut the insulating cords.

2.12. Remove the jacket from loose tubes using a precision stripper. Care must be taken not to damage the opticalal fibers.

2.13. Cable termination is over.

* 1. **InDuct Standard Cable Termination**

3.1. Using a stripper make a ring cut in the cable jacket, cutting also the metal tape.

3.2. Pull the outer jacket with the metal tape and remove it.

3.3. To make it easier, you can do it in several stages.

3.4. No cable bending is allowed at the point of the jacket cut, as it may damage the inner jacket with the metal tape.

3.5. To ground the metal tape, make a ring cut of the cable jacket with a stripper, not cutting the metal tape.

* 1. Heat the place of polyethylene jacket removal with a drier.
  2. Using a sharp knife make two longitudinal cuts on different sides of the jacket.
  3. Using a knife remove the heated polyethylene jacket.
  4. Using sandpaper remove the laminated coating from the armored tape.
  5. The metal tape is prepared for grounding.
  6. Then follow pp. 2.5-2.12.
  7. **InAir Standard Figure 8 Cable Termination**

4.1. Using wire scissors cut the wire as appropriate.

4.2. Using a knife cut the cable alongside the jumper between the core and the wire from the cable end to the wire’s cut.

4.3. Remove the wire.

4.4. Then follow pp. 2.5-2.12.

* 1. **InTube Standard Cable Termination**

5.1. Act according to pp. 2.5-2.12.