

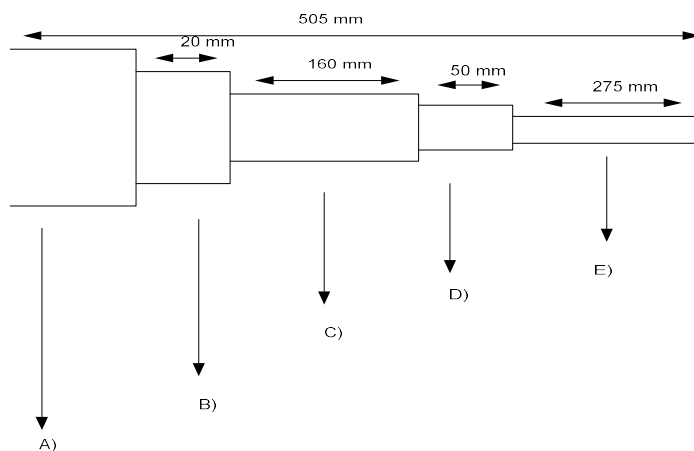
Quad Cable Jointing

- Now a days to make any telecom cable joint Thermo Shrinkable Jointing Kit is used (TSF kit).
- IRS-TC-77/2010 Rev 2 is the specification number of the TSF kit.
- Each joint kit should be inspected by RDSO.
- Procurement of Joint kit should be carried with RDSO Approved manufacturers only with RDSO Inspection (even for 1 joint kit purchase).

Quad Cable Jointing Procedure

Using Thermo shrinkable jointing Kit RDSO Specification no. IRS TC 77/2010 or latest. And each joint kit should be inspected by RDSO.

1. Lay cables with an overlap of 505mm for straight through joint, and Transformer joint.
1. Expose various sheath as per details
 - a. Outer sheet – 505 mm
 - b. GI double tape amour--- 20 mm
 - c. Intermediate sheath ---- 160 mm
 - d. Aluminum wire screen---- 50mm
 - e. Inner sheath+ poly al --- 275mm



In addition, three layers to be earthed locally in every joint kit, GI double tape armor, Aluminum wire screen and poly al sheath to be connected joined with wire and to be connected and soldered with local earth. A local earth should be placed inside the joint kit. (for local earth use 2 feet OHE copper wire)