



In optical Fiber to make to optically perfect joint one has to match exactly the glass surfaces of both the fibers. Any mismatch or gap between the surfaces increases the optical losses during transmission. Fiber preparation, Inserting the fiber into the connector, applying epoxy, cutting the fiber, & polishing the surface are very important aspects of the process and requires lot of practice.

Sciencetech Kits contain all necessary tools, consumables, connectors and cable to demonstrate and practice the process. A neatly written step by step procedure with pictures is provided in the Instruction booklets. These kits form an important part of the Fiber Optic Laboratory making students understand how optical fibers are joined and terminated.

Features

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Mechanical Splice tool

Included Accessories

- Crimp Tool : 1 No.
- Triple Hole fiber Optics Stripper : 1 No.
- Scissors : 1 No.
- Diamond Scribe : 1 No.
- Polish films 5u, 1u, 0.3u, and (3 each): 1 Pack.
- 2 part Epoxy : 3 Packs.
- Syringe & Needle : 3 Packs.
- Polishing Disc (ST) : 1 No.
- Polishing pad : 1 No.
- Work Mat : 1 No.
- Glass Plate : 1 No.
- Measuring Scale : 1 No.
- Cable Markers : 1 Packs
- Knife : 1 No.
- Tweezers : 1 No.
- Screw driver : 1 No.
- Marker Pen : 1 No.
- Tissue Papers : 1 Pack.
- Alcohol : 1 Pack.
- Foam Swabs : 1 Pack.
- Piano Wire : 1 No.
- X100 Microscope : 1 No.
- Continuity Tester : 1 No.
- ST Connectors : 10 Nos.
- Glass fiber Cable 62.5/1 25 : 10 Meters.
- VIP Carrying Case : 1 No.
- Storage Boxes : 6 Nos.
- Mechanical Splice M/C & Key : 1 Set.
- Mechanical Splice : 3 Nos.

Subject to Change

