Fiber Optic Tool Kits

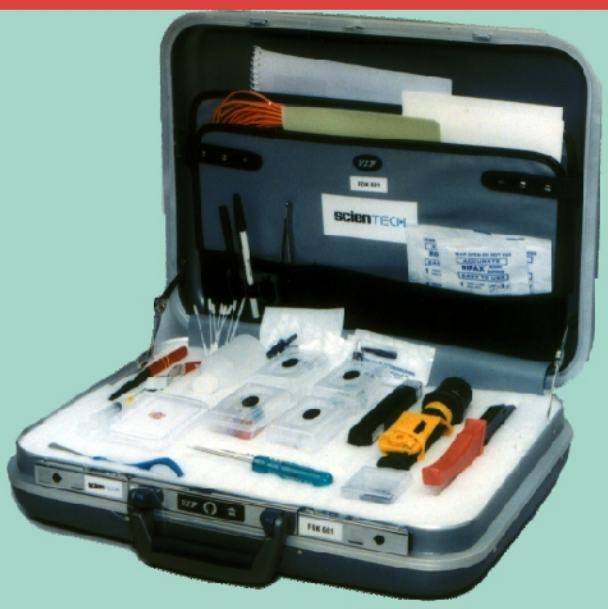
scienTECH Technologies Pvt.Ltd.

Connectorization Kit **FOK 601**
Connectorization & Splice Kit **FOK 602**

- Professional Quality
- Contains all Tools and Consumables.
- Ideal for Field Application and Training.
- Detailed Instruction Manuals

Contents

1.	Crimp Tool	:	1
2.	Red No Nik tool	:	1
3.	Jacket Stripper	:	1
4.	Scissors	:	1
5.	Diamond Scribe	:	1
6.	Polish Films 5u, lu, 0.3u, (3 each)	:	1 Pack
7.	2 Part Epoxy	:	3 Packs
8.	Syringe & Needle	:	3 Packs
9.	Polishing Disc (ST)	:	1
10.	Polishing Pad	:	1
11.	Work Mat	:	1
12.	Glass Plate	:	1
13.	Measuring Scale	:	1
14.	Cable Markers	:	1Pack
15.	Knife	:	1
16.	Tweezers	:	1
17.	Screw Driver	:	1
18.	Marker Pen	:	1
19.	Tissue Papers	:	1Pack
20.	Alcohol	:	1Pack
21.	Foam Swabs	:	1Pack
22.	Piano Wire	:	1
23.	X100 Microscope	:	1
24.	Continuity Tester	:	1
25.	ST Connectors	:	1
26.	Glass Fiber Cable 62.5/1 25	:	10 meters
27.	VIP Carrying Case	:	1
28.	Storage Boxes	:	6
29.	ULTRA Splice (Mechanical)	:	2 Nos. only in FOK 602

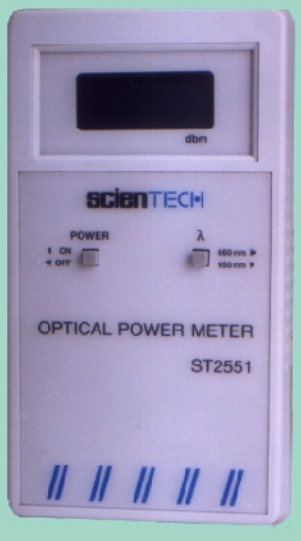


These *Kits are very necessary for termination and splicing the optical* fiber. With metal cables you simply twist both the cables together and join them electrically. In optical Fiber you are required to match exactly the glass surfaces of both the fibers to make a optically perfect joint. Any mismatch or gap between the surfaces will increase, 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.

SCIENTECH Kits contain all necessary tools, consumables, connectors and cable to demonstrate and practice the process. The focus is on the specialization and quality rather than just collecting material and supplying it. 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. One can understand clearly how optical fibers are joined and terminated.

Optical Power Meter ST255 1



SCIENTECH Hand Held Power Meter provides performance, durability and stability for measurement of Optical Power. Switches are provided for meter ON / OFF and wavelength selection. The readings indicated on the meter are directly calibrated in dBm. The standard 9V battery is easily replaceable from the separate battery compartment on the backside of the meter. A must for every Fiber Optic Laboratory.

- Low Cost
- Measures 2 Wavelengths
- Auto-reading
- Large Display
- Battery Operation
- Ideal for Education

Specifications

Detector	:	Silicon detector
Range	:	0 dBm to -60 dBm
Display	:	12 mm. LCD
Wavelength	:	660&950nm
Connector	:	SMA
Accuracy	:	+/-0.5 dBm
Power	:	9V Battery
Size (mm.)	:	W100, D45, H175
Operating Temp	:	0-50°C