This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of Dual Fiber Optic Link for Plastic and Glass Fibers.

**SPECIFICATIONS**

1. TRANSMITTER : 01 No. Plastic Fiber LED & 01 No. Glass Fiber LED
2. WAVELENGTHS : 660nm (Visible Red-SFH756V), 850nm
3. RECEIVERS : 02 Nos. Photo detector
4. TYPE OF RECEIVER : Photo-transistor with TTL output
5. BANDWIDTH : 3.5 MHz (Plastic Fiber) & 10 MHz (Glass Fiber)
6. FIBER OPTIC CABLE : Plastic Fiber & Glass fiber
7. FIBER TYPE : Single Mode, Multimode
8. FIBER LENGTH : 1 Meter (MM-Glass Fiber)
    1 Meter (MM-Plastic Fiber)
9. NUMERICAL APERTURE : 0.5 (Plastic). 0.2 (Glass)
10. INTERCONNECTIONS : 2 mm Banana Sockets
11. POWER SUPPLY : GND, +5V
12. EXPERIMENTS : Digital Link Formation

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.