



DUAL FIBER OPTIC LINK FOR PLASTIC AND GLASS FIBERS

MODEL : FOTLINK-F

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.

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