

**Technical Specification:**

The FDM Transmitter Receiver Trainer should consist of following One modules with Function Generator and DC Power Supply

FDM Multiplexer & Demultiplexer Module:

- FDM Signal Generator (Carrier Signal: 500 kHz ~ 1.5 MHz, Audio Signal: 500 Hz ~ 1.5 kHz)
- DSB-SC Modulated Signal Generator (Carrier Signal: 500 kHz ~ 1.5 MHz, Audio Signal: 500 Hz ~ 1.5 kHz)
- FDM Multiplexer (Modulation Type: DSB-SC Signal, Transmission Bandwidth: 2 MHz at least)

Function Generator & DC Power Supply Module:

- Waveforms: Sine, Triangle, Square, TTL Pulse
- Amplitude: >10 Vpp
- Impedance: 50Ω ±10%
- Duty Control: 30% ~ 60%
- Display: 6-Digit LED Display
- Frequency Range: 10Hz to 100 kHz (4 Ranges), 100Hz to 1 MHz (4 Ranges)
- Frequency Control: Separative Coarse and Fine Tuning
- Constant Voltage Output: ±5V, ±12V
- Variable Voltage Output: 0V ~ ±15V
- Power source: 220V AC ±10%, 50Hz

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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