



**Address:**  
**JAMBU PERSHAD & SONS**  
6275/22 Nicholson Road,  
Ambala Cantt, Haryana,  
INDIA  
Pin: 133001

**Email:**  
sales@japson.com  
japsonambala@yahoo.com

**Website:**  
www.japson.com  
**Phone:**  
+91-171-4006897

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# Fibre Optic Trainer Analog Experiment Apparatus

## Product Image

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## Description

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### Objective:

Voice transmission through optical fiber cable.

To study transmitter circuit & calculate its output power

To study receiver circuit & calculate its input power

To study the attenuation of signal between transmitter & receiver end.

Measurement of numerical aperture

### Specifications :

In built ic based fixed dc regulated power supply + 6vdc. Pre amplifier stage consists of mic (microphone), photo-detectors, transistors,& biasing network of resistance & capacitors.

Power amplifier stages consists of impedance matching transformers, transistors & biasing network of resistance & capacitors. Output section having led & speaker, fiber optic cable

for transmission of signal. Circuit diagram is printed on glass epoxy pcb & different combination of resistance & test point are brought out on front panel.

| <b>Catalog No.</b> | <b>Particulars</b> |
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| JE21830 | Fibre Optic Trainer Analog Experiment Apparatus |
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## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.