Product name:	Product code:
Satellite Communication Link Trainer	CMI-NP-0253



Description

A trainer that demonstrates satellite uplink and downlink using transmitter, transponder and receiver modules with antennas. Used in communication engineering labs. Features include uplink and downlink sections, audio, video and data links and transponder module.

Technical specification

Audio bandwidth	300 Hz to 15 kHz
Test points	Provided on panel
Power supply	230 V AC 50 Hz
Experiments	Link budget, gain, noise

Standard Accessories

- Patch antennas
- Patch cords
- Manual

It models a satellite link on the bench with FM modulation, a transponder and a ground station receiver. Students measure signal levels and link budget parameters.

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Features

- Uplink and downlink chains
- Audio, video and data links
- Transponder module
- Patch antennas
- Experiment manual

Technical Specifications

Uplink frequency	5.8 GHz
Downlink frequency	3.7 GHz
Modulation	FM
Antenna	Horn or patch