

DIGITAL CROSS TALK MEASURING SET (TYPE 378-B)

As per SPN IRS TC:45/88

INTRODUCTION

Type 378-B is a self-contained portable Instrument capable of Measuring Cross-Talk in the Audio Frequency range with built-in Audio Frequency Generator and Measuring Detector.



As the measuring range starts from zero dB the instrument can conveniently be used for measuring transmission losses in cable, thus working as a Transmission Measuring Set.

The instrument is operated through rechargeable battery and provided with a built-in battery charger.

A carrying case is provided which houses all accessories.

SALIENT FEATURES

- ✓ Built-in A.F. Generator & Measuring Detector.
- ✓ Measuring Range starts from 0dB; thus, it also works as Transmission measuring Set.
- ✓ Portable with built-in rechargeable battery
- ✓ Wide measuring range in dB and mV.

TECHNICAL SPECIFICATIONS

GENERATOR

Transmission Frequency	: 300, 800, 1000, 1600, 2400, 3000 & 3400 selectable through Push-button switch.
Accuracy	: $\pm 1\%$
Transmitting level	: 0dB ± 0.5 dB, Level Control provided.
Output Impedance (Balanced)	: 470/600/1120 $\pm 2\%$ selectable through a push-button switch
Selective Detector Frequency	: Tuned to the generator transmitting frequency.
Measuring Range	: 0-100 dB, resolution 1dB.
Measuring Accuracy	: ± 1 dB.
Input Impedance	: Terminating 470/600/1120 through 100 K. reads dB/mV.
Display	: $3\frac{1}{2}$ LCD DPM reads dB/mV.
Power Source	: Rechargeable NI-MH battery pack which can work up to 6 Hrs.
Dimensions	: W 330mm X H 115mm X D 230mm.
Weight	: 3 Kg. approx. without carrying case.
Accessories	: Connecting Cables-02 Nos. Terminating resistors 1120, 600, : 470 02 Nos. each Operating Manual & Carrying Case.

DATA SHEET 78/0119

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