

TRANSMISSION MEASURING SET (TYPE 368-C)

as per SPN - IRS TC: 43/87

INTRODUCTION

Type 368-C Transmission Measuring Set is designed to fulfil all types of requirement for determination of **Signal level, Insertion loss, Transmission loss** and **Return loss** in cable circuits used in line telephony.



The instrument operates through a rechargeable battery and is provided with a battery charger. The instrument is housed in sturdy aluminium case ideal for field use. It is provided with a carrying case which houses all the accessories.

SALIENT FEATURES

- ✓ Built-in Level Oscillator and Level Meter
- ✓ Pre-calibrated 12 spot frequencies
- ✓ Digital display with 0.1 dB resolution
- ✓ Portable and light weight

TECHNICAL SPECIFICATIONS:

FREQUENCY GENERATOR

Frequency	: 12 switch-selectable. 200, 400, 800, 1000, 1200, 1600, 1800, 2400, 3000, 3500, 4000 & 5000 Hz. Accuracy $\pm 2\%$.
Output Impedance (Selectable)	: 470, 600 and 1120 ohm $\pm 2\%$
Degree of Balance	: More than 60 dB.
Distortion	: Less than 2%.
Transmission level	: +10 dBm. to -50 dBm. in 10 dB steps and +1 to -10dB continuous variable, accuracy + 0.2dB

LEVEL METER

Input impedance (Selectable)	: 470, 600 and 1120 balanced and 100K unbalanced.
Balance of Input	: More than 60 dB.
Display	: LCD Digital Panel Meter $3\frac{1}{2}$ digits.
Measuring Range	: +20 to -60 dBm
Resolution	: 0.1dB
Accuracy	: 200Hz -5KHz, $\pm 0.20B$
Return Loss Range	: 0-50dB, accuracy $\pm 2dB$
Power Source	: Rechargeable Ni-MH battery. 230V 50Hz mains operated battery charger.
Dimensions	: W 290mm XH 105mm X D 190mm (with feet) approx..
Weight	: 2.5 KGs approx..

DATA SHEET 68/019



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