

# Measuring line NIL-1000/2



 New!

## Info

Warranty . . . . . 1 year

Manufacturer . . . . . NIPHRIT

## Equipment

1. Measuring line
2. Load matched, coaxial 50 ohms
3. Connecting cable
4. Passport
5. Calibration procedure
6. Protective case

The measuring line NIL-1000/2 is designed for calibration of current collectors-inductors of magnetic NTI-20 and NTI-1000 in terms of determining the current metrological characteristics and limits of permissible relative error of the calibration coefficient.

The design of the NIL-1000/2 allows you to place a magnetic current collector-inductor inside the measuring line, the cover of the measuring line is tightly fixed to the housing, while a coaxial line is formed, the outer conductor of which crimps the current collector, and the central conductor passes through the inner hole.

The measuring line meets the requirements of state standards GOST R 51317.4.6-99, GOST 30805.22-2013 (CISPR 22:2006), GOST R 51319-99 and meets international standards RTCA / DO-160 section 20, MIL-STD-461, IEC/EN 61000-4-6, CS114, CS115, CS116.

The design of the measuring lines provides safety precautions when working with microwave radiation in accordance with the current federal sanitary regulations SanPiN 2.2.4/2.1.8.055, as well as safety requirements in accordance with GOST 12.3.019-80.

## Specifications

Frequency range . . . . . from 20 Hz to 1000 MHz

Nominal impedance . . . . . 50 Ohm

Typical VSWR values . . . . .

10 MHz	1.01
50 MHz	1.08
100 MHz	1.2
200 MHz	1.33
300 MHz	1.4
500 MHz	1.5
600 MHz	1.8
800 MHz	1.9
1000 MHz	1.3

Connector . . . . . N-type

Operating temperature . . . . . +5°C to +45°C

Overall dimensions (L×W×H) . . . . . 160×106×95 mm

Device weight . . . . . 830 grams