

# RF Current Probe

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## Overview

The Nautel RF Current Probe is an in-line probe designed to facilitate the measurement of RF current. The probe is useful for testing NDB transmitters and can be inserted between the transmitter and the resistive (dummy) test load. If the resistance of the test load is known, the output power of the transmitter can be easily calculating with the accurate measurement of the RF current provided by the probe.

## Terminations

Type 'N' RF connectors (RF IN and RF OUT)

BNC female RF connector (RF current measurement signal)

## RF Current Measurement

1 Volt = 1 Amp  $\pm$  5% (30 Amps maximum)

## Environmental

### Temperature Range

0 °C to +55 °C (operating)

### Humidity

0 to 95% relative humidity (non-condensing)

## Power Requirements

None (passive probe)

## Dimensions

7" W x 6" D x 3" H

17.8 cm W x 15.2 cm D x 7.6 cm H



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## Typical RF Current Measurement Application

