

TEST OSCILLATOR HDF-0024



CONFIGURABLE CONTROL

Control over the Test Oscillator can be obtained via numerous interface methods. Dependant on user requirements, the product can be controlled through custom interfaces.

MULTI-CHANNEL

Although the Test Oscillator has a fixed frequency range, the output frequency range can be customised for most application. This can vary from

SIMPLE INSTALLATION

A single Ethernet CAT5 cable is all that is required with mounting on a standard size pole.



- Multichannel RF Reference source
- Frequency and power output control over Ethernet
- Power Over Ethernet (PoE) to IEEE 802.3af
- Single CAT5 cable installation
- RF Power Level Detection and Feedback
- Integrates with the HAYSYS Direction Finding (DF) system.

The Test Oscillator unit is a programmable (over Ethernet) low power radio transmitter used in RF applications to confirm system operation.

Typical applications are Radio Direction Finding (RDF) systems where the Test Oscillator is positioned at a reference angle to the DF Antenna and when operated are used to provide the reference transmission from the reference bearing.

Pole Mounted industrial Die-Cast Aluminum Design rated to IP67.

Designed to withstand the toughest environments yet is a small lightweight and strong unit.

Can be mounted on poles up to 76.2mm in diameter.



Specification

| | |
|-----------------------------|---------------------------------------|
| RF Operating Frequency | 118 to 137MHz (Other bands available) |
| RF Output | 0.5mW to 4mW (selectable) |
| Channel Spacing | 25 kHz, 12.5 kHz or 8.33 kHz |
| RF Connector Type | N Type (Antenna supplied) |
| IP Rating | IP67 |
| Operating Temperature Range | -20°C to +55°C |
| Size | 200mm x 140mm x 45mm |
| Mounting | Max 76.2mm Pole with U-Bolts |
| Weight | 1.5 Kgs |
| Interfaces | 1 x RJ45 Connector |

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