



MDC-900/MDC-2100

OSCOR MICROWAVE DOWN-CONVERTER

The Microwave Down-converter products provide increased frequency coverage for detecting illegal surveillance devices with the OSCOR.

- MDC-900 Frequency Range: 3-9GHz (Band 1 Only)
- MDC-2100 Frequency Range: 3-21GHz (Band 1, 2, & 3)

Technical Advancements

- Direct frequency control and band selection with OSCOR
- Integrated High Gain Log Periodic Antennas
- Tripod provides stability for MDC antennas

Technical Specifications

MODES & FREQUENCY RANGES:

Frequency Range: 3-21GHz*
Conversion output Frequency:
5-3005MHz

MODES OF OPERATION:

Band 1: 3-9GHz
Band 2: 9-15GHz*
Band 3: 15-21GHz*
All Band: 3-21GHz*

ANTENNA GAIN:

Band 1: 6.1dB
Band 2: 5.3dB*
Band 3: 8.4dB*

MDS (MINIMUM DETECTABLE SIGNAL)

(includes sensitivity, antenna gain, and filtering losses)
Band 1: -122.1dBm
Band 2: -122.3dBm*
Band 3: -124.4dBm*

MECHANICAL:

Input Power: 200 milliamps at 12V
Weight: 1.1 lb (.5 kg)
Dim: 11.4 in x 3.1 in x 1.4 in
(29 cm x 8 cm x 3.5 cm)

TRIPOD:

Weight: .77 lb (.35 kg)
Dim: 8.75 in x 2.5 in x 1.5 in
(22.2 cm x 6.4 cm x 3.8 cm)
Usage Height: 5.5 in (14 cm)

*MDC-2100 Only



The MDC shown in operation with the OSCOR.

