



FLINT SERIES PRODUCT SPECIFICATIONS

ON CHANNEL DIGITAL REPEATER

Introduction

The Anywave **FLINT** series of Air Cooled On Channel Digital Repeaters (OCDR) supports all current international digital and mobile TV standards including DVB-T/H, DVB-T, DVB-T2, ATSC, ATSC3.0, ISDB-T and DTMB. It employs the latest LDMOS power amplifier Technology, supporting entire UHF Band; The FLINT Series includes the Anywave patented AECTM (Adaptive Echo Cancellation) technology which continuously, automatically, and adaptively eliminates dynamically varying echoes from the received signal, providing easy installation, reducing engineering cost, and producing stable operation as well as excellent performance. The **FLINT** OCDR is offered in standard 1RU indoor format or for outdoor operation inside a compact weather-proof enclosure (IEC IP55 compliant). Signal processing options support on channel repeater, RF relay or translator functions, with output power levels of 50W, 100W and 200W rms. Both options support on site channel frequency change: easy operation and straightforward BPF replacement. The patented adaptive power adjustment function continuously and automatically adjusts individual power level to achieve equalized and optimized coverage when multiple units in use

Key Facts

- ✓ Multi-standard capability: DVB-T/H, DVB-T, DVB-T2, ATSC, ATSC3.0, ISDB-T and DTMB
- ✓ Latest LDMOS Technology for Power Amplification
- ✓ Fully broadband covering entire UHF Band IV-V
- ✓ Innovative Echo-Cancellation Technology

Details

RF Input

Frequency: UHF

Level: -70 dBm ~ -10 dBm

Connector: 1/2" N-type, female, 50 Ω

RF Bandwidth: 6 or 8 MHz

RF Output

Frequency: UHF

Rated Maximum Output Power: 50 W / 100 W / 200

Echo Cancellation: 30 dB (typical value)

Echo Time Range: ≤ 4 μs

Power Supply: 90 ~ 260 VAC, 47Hz ~ 63 Hz

Operating Temperature: -15 °C ~ 55°C

Operating Humidity: ≤ 95%

Operating Altitude: ≤ 2440 meters (8000 feet)

Size (W x H x D): 40.5 cm x 56.5 cm x 35.0 cm (w/o BPF)



Internal View



Bottom View

Cost
Effective
100%

Reliable
100%

Scalable
100%

Dependable
100%

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