



CREOWAVE
SOLUTIONS FOR EXTREMES

TETRA REPEATER CWR 450 TI 2



CWR 450 TI 2 Specification

Frequency Band	450–455 MHz / 460–465 MHz
Maximum Output Power	+17 dBm (with 1 carrier) +14 dBm (with 2 carriers) +11 dBm (with 4 carriers) +8 dBm (with 8 carriers)
Adjacent Channel Power max.	-36 dBm
Output Power Adjustment Range	40 dB, step 0.5 dB
Automatic Level Control Range	40 dB
Gain max.	70 dB
Gain Adjustment Range	30 dB, step 0.5 dB
Gain Ripple (over frequency band)	±1 dB
Gain Accuracy (over temp. range)	±1 dB
Maximum Operational RF Input Power	-15 dBm
Maximum RF Input Without Damage	+15 dBm
VSWR (50 Ω)	1.5 max.
Power Supply	90-264 VAC / 47-63 Hz
Power Consumption	40 W
Indicators	Green light for normal condition Red light for alarm condition
Controls (local/remote)	On/Off, RF Power, Gain
RF Connectors	2 x N (f)
LAN Connectors	4 x RJ-45
Dimensions	370 x 250 x 70 mm (W x H x D)
Weight	9 kg
Operational Temperature	0...+40 °C
Operational Environment	Indoor
Options	<ul style="list-style-type: none"> • Integrated Downlink Antenna • Integrated GSM Modem • TETRA Data Radio support • Network Management SW • HW Alarm I/O • 12...48 VDC PSU • Battery back-up

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