



CREOWAVE
SOLUTIONS FOR EXTREMES

TETRA REPEATER CWR 806 TA 2



Photo: StatoilHydro



CWR 806 TA 2 Specification

Frequency Band	806–824 MHz / 851–869 MHz
Maximum RF 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 Power Without Damage	+15 dBm
VSWR (50 Ω)	1.5 max.
Power Supply	90–264 VAC adapter
Power Consumption	< 40 W
Indicator LED	Green light for normal operation Orange light for RF OFF mode Red light for alarm condition
Controls (PC or NMS)	RF On/Off Maximum RF Output Power RF Gain
Alarms	
<ul style="list-style-type: none"> • Operational failure • PSU failure • RF failure • Temperature 	<ul style="list-style-type: none"> HW relay alarm PC or NMS alarm PC or NMS alarm PC or NMS alarm
Connectors	
<ul style="list-style-type: none"> • 90–264 VAC adapter • RF • Control 	<ul style="list-style-type: none"> IEC 2 x N (f) Ethernet
Mechanical Dimensions	570 x 760 x 300 mm (W x H x D)
Weight	150 kg
Operational Temperature Range	-40...+45 °C (+65 °C upon request)
ATEX Certification	II 2G EEx d (ia) IIB T4
Options	Network Management SW (NMS)

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