

Entel DR482 UHF digital/analogue mixed-mode repeater – 25W DMR/FM

The Entel DR482 is a compact, tough, and versatile UHF repeater operating in DMR digital, analogue FM, and mixed mode, with a continuous 100% transmit duty cycle at 25W. Designed for demanding environments both on land and at sea, it combines high performance with robust construction and an integrated power supply, simplifying installation and eliminating the need for bulky external hardware.

With support for AC, DC, and battery backup power modes, plus an optional internal duplexer, the DR482 is the ideal solution for critical communication systems on commercial vessels, offshore platforms, and industrial facilities requiring reliability and uninterrupted operation.

COD EUROSUL: 098483

IMPA: ---

Part Number: DR482

Approvals: ---



Specifications

Model: DR482

Frequency range: 400–470 MHz

Output power: 1 to 25W (adjustable)

Transmit duty cycle: continuous (100%)

Modes of operation: DMR Digital Tier II / Analogue FM / Mixed mode

Channel bandwidth: 12.5 kHz or 25 kHz

AC input voltage: 230VAC $\pm 10\%$, 47–53 Hz (UK/Euro) | 110VAC $\pm 10\%$, 57–63 Hz (Americas)

DC input voltage: 12.0–15.0 VDC

Power modes: AC only / DC only / AC with battery backup

Integrated power supply: yes, with built-in lead-acid battery charger

Internal duplexer: optional

Dimensions (HxWxD): 95 x 220 x 375 mm

Weight: 3.8 kg

Operating temperature: -30°C to +60°C (no filter) | -30°C to +55°C (dust filter fitted)

Storage temperature: -40°C to +70°C

Relative humidity: up to 95% (non-condensing) at 50°C

Antenna connectors: TX: N-Type female | RX: BNC female (or N-Type with duplexer)

Mounting options: desk / 19" rack / wall

Supplied with: AC mains lead, USB programming lead, quick start guide