

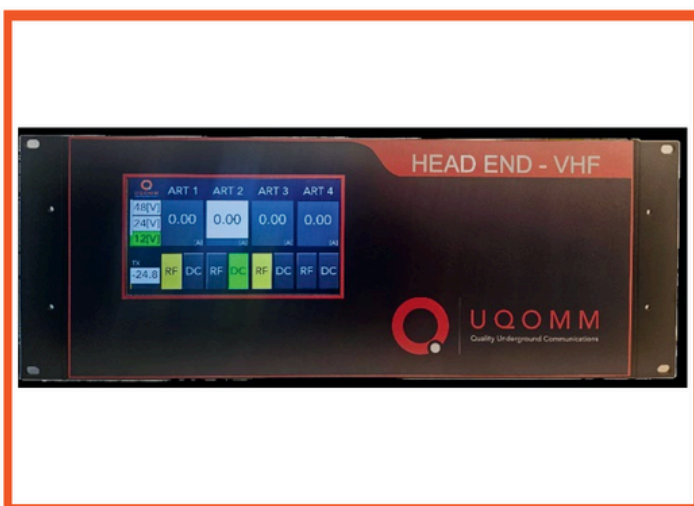
VHE16

VHF HEAD END -16 CHANNELS



DESCRIPTION

- The VHF Head En is the heart of the Leaky Feeder system, it can combine voice or data repeaters to transmit and receive information through a Leaky Feeder cable connected to one of its arterials.
- The VHE16 combines up to 16 voice and/or data repeaters, distributed by up 4 arterial Leaky Feeder, with the ability to deliver direct current to energize line amplifiers.
- The unit is 19" Rack mount and RU high. It is constructed in an extruded aluminium cabinet and includes mounting fins. It has front indicators of current consumption and selected voltage.
- It has internal DC converters to deliver 12,24 or 48 VDC selectable in its arterial outputs. Arterial outputs can be active or deactivated depending on the application.
- An external 12 VDC power supply is required, present in UQOMM's complete cabinet solutions. Internally protected against overdrifts.



SHORT DESCRIPTION

- Device responsible for combining up to 16 voice or data repeaters, delivering to the Leaky Feeder network both VHF signal and a selectable voltage between 12, 24, ó 48 VDC to energize the Leaky Feeder network.
- It has a touch screen front panel of voltaje and current indicators, and allows you to activate or deactivate both the RF signal and the continuous output voltage in each of its 4 arterials.
- Includes Smart Ring and DRS option (additional information under request).

SPECIFICATIONS

- **Operating Frequencies:** DL: 143-161 MHz
UL: 169-187 MHz
- **RF Input:** 10 W Max. 2 W tip, 1 W Min
- **Port Isolation:** 30 dB Min – 40 dB Max +/- 3 dB 70 dB
- **Tx/Rx insulation:** 28 dB Max
- **Lost insertion:** 50 Ohm
- **Impedance:** 3 A per arterial
- **Arterial Current:** 12 VDC
- **Input voltage:** 12, 24, 48 VDC selectable
- **Output voltage:** BNC-F x18, N-F x 4
- **Connector:** Sealed cabinet / Convection
- **Degree of protection:** -45°C a +55°C
- **Operating temperature:** 7.1 kg
- **Weight:** 484 (W) x 350 (D) x 180 (H) mm3
- **Dimensions:**



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