

TELERAD

Aeronautical and Maritime Radiocommunication Systems

VHF RECEPTION MULTICOUPLER

MC9008-8

OVERVIEW

The MC9008-8 reception multicoupler enables, from a VHF single antenna, to have eight independent radiofrequency outputs.



The multicoupler is composed of a 3 U high, standard rack 19" panel holding.

On the rear panel, we can find the BNC coaxial outputs, the antenna input type N, the battery input and the grounding terminal.

■ RADIOELECTRICAL CHARACTERISTICS

Frequency range:

118-144 MHz

Gain:

2 dB ; ± 1 dB

Noise factor:

≤ 8 dB

Third level cut-in point:

≥ 30 dBm

Insulation between channels:

≥ 30 dB

Input impedance:

50 Ω ; SWR ≤ 2

Power supply:

24 V ; ± 20 % ; < 500 mA

■ MECHANICAL CHARACTERISTICS

The multicoupler is designed in the form of a panel with the dimensions of a 3-unit high standard 19" rack.

Height:

133 mm

Width:

483 mm

Depth:

100 mm

Weight:

1,5 kg

■ CLIMATIC CHARACTERISTICS

Operating temperature:

-20 °C at +55 °C. 95 % relative humidity at +40 °C (non-condensing)

Storage:

-40 °C to +80 °C