

KENTA

The specialist of Radio Frequency
Communication systems

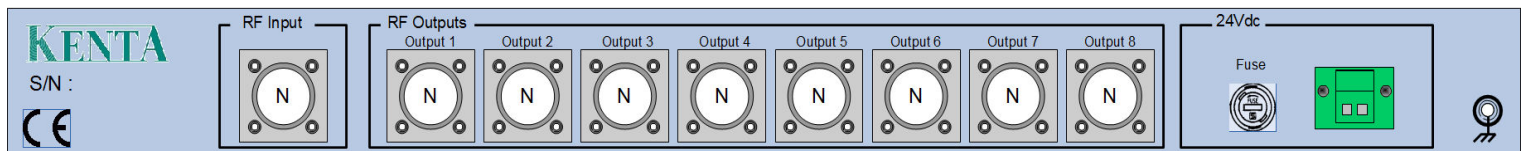
KMAT-A014

HF Receiver Multicoupler 1:8

The **KMAT-014** is a broadband coupling unit used for coupling up to eight HF communication receivers to one common antenna simultaneously. It has basically one 50Ω RF input for the connection to a single HF receiving antenna and 8 50Ω RF outputs to feed up to eight HF receivers. It could be used for Maritime GMDSS or Air Traffic or Defense applications.

The **KMAT-014** is designed to provide excellent isolation form channel to channel and from each receiver to the antenna. High linearity low noise amplifiers are added in the multicoupler panels in order to compensate the splitter loss

The **KMAT-014** Multicoupler is fully integrated inside a 19" - 1U rack with power supply from 100/240 VAC – 50/60Hz (with +24VDC possibility), for an easy installation on site.



KMAT-A014 1:8 HF Receiver Multicoupler

Technical Specifications

Frequency Range:	1,6 to 30MHz
Input :	1 x 50Ω BNC-type female connector Non destructive level at 35dBm
Output:	8 x 50Ω BNC-type female connectors
Isolation:	Better than 40dB
Noise Factor:	Better than 7dB
Insertion loss:	No insertion loss
Operating temperature:	-20 to +55°C
Humidity:	<90 %
Mechanical:	19" – 1U rack - 5kg
Power Supply:	Single Phase 110-220VAC – 50/60Hz

Main Ordering Information:

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~KMAT-A014

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KMAT-A014 Product Datasheet
Specifications subject to change without prior notice
Document with no contractual value