



VHF 4 CHANNELS HYBRID COMBINER WITH DOUBLE ISOLATOR AND VSWR MONITOR

66 ÷ 88 MHz

T06030201

POLOMARCONI.IT



POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

PMR

Electrical Specifications

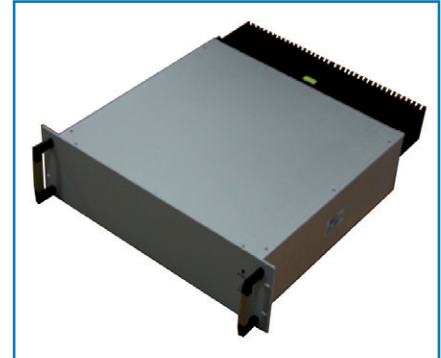
Frequency Band (MHz)	66 ÷ 88
Impedance (Ω)	50
Insertion Loss (dB) included isolators	≤ 7.5
VSWR	< 1.5
Isolation (dB) channel to channel	≥ 65
Isolation (dB) output to input	≥ 45
Continuous Max. Power (W) all ports simultaneously	100
IM3 (dBc) 2 × 49 dBm	> 70
Harmonic Suppression (dBc)	≥ 70
Operation Temp. Range (°C)	-20° ÷ +55°
Electrical Safety	EN 60950 EN 60215
EMI / EMC	ETSI EN 301 489-1 /-18

DESCRIPTION

Ultra high-power hybrid combiner capable of handling up to 100W per INPUT.

It is the best technical solution to combine 4 high power transmitters.

All channels can be tuned at 25 kHz steps – to any frequency across the whole band without any constraint in terms of minimum distance between channels.



Mechanical Specifications

Connector	N f
Dimensions	3U × 19" × 520mm
Weight (kg)	< 14
Front Panel Colour	RAL 7035
Relative Humidity	< 95% @ 40°C not condensing
Vibration	IEC 60068-2-6 0.3mm double amplitude 2g 10 ÷ 55 Hz 1 octave/min total test period 30min
Shock	IEC 60068-2-27 30g for 11ms 18 shocks in 3 positions
MTBF (hours)	≥ 440000
Environmental Conditions	IP20



Made in Italy. We reserve the right to modify these data without any notice.