



UHF 5 CHANNELS HYBRID COMBINER

380 ÷ 470 MHz

T06040705

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

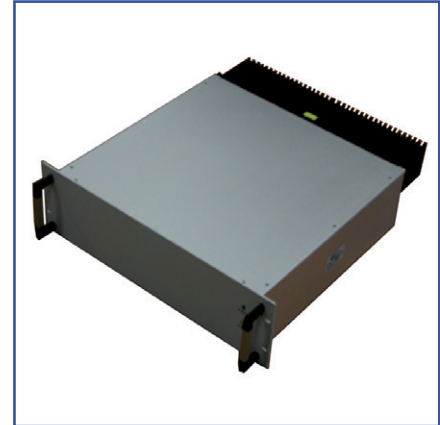
Frequency Band (MHz)	380 ÷ 470
Impedance (Ω)	50
Insertion Loss (dB)	≤ 8
VSWR	< 1.5
Isolation (dB) channel to channel	≥ 20
Isolation (dB) output to input	≥ 8
Max Continuous Input Power (W) all ports simultaneously	100
Operation Temp. Range ($^{\circ}\text{C}$)	$-30^{\circ} \div +55^{\circ}$
Electrical Safety	EN 60950 EN 60215
EMI / EMC	ETSI EN 301 489-1 /-18

DESCRIPTION

T06070405 is hybrid combiner capable of handling up to 100W per input.

It represents the best technical solution in the market to combine 5 high power transmitters.

Unlike cavity combiners and by the use of hybrids, all channels can be tuned - at 25 kHz steps - to any frequency across the VHF band without any constraint in terms of minimum distance between channels.



Mechanical Specifications

Connectors	N f
Dimensions	3U x 19" x 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, $10 \div 55$ 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

Electrical Schematics

