



2 CH VHF TX SINGLE CAVITY COMBINER

118 ÷ 137 MHz, 210 mm Section in Star Point Configuration

T06090414

POLOMARCONI.IT

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

ATC

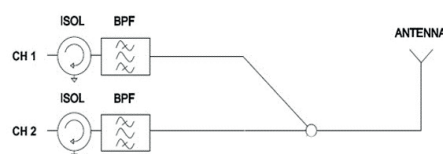
Electrical Specifications

Frequency band (MHz)	118 ÷ 137
(*) Extended band (MHz)	118 ÷ 156
Impedance (Ω)	50
Return Loss (dB)	≥ 15
Max Continuous Power (W) per channel	100
Filter Selectivity (dB) at mid band with I.L. : 2 dB	$@ f_0 \pm 0.5\% f_0 > 17$ $@ f_0 \pm 1\% f_0 > 23$ $@ f_0 \pm 2\% f_0 > 29$
I.L. (dB)	$@ f_0 \pm 0.5\% f_0 \quad 2$
Isolation (dB)	$@ f_0 \pm 0.5\% f_0 > 33$
Extended Temp. Range ($^{\circ}\text{C}$)	-10 ÷ +55
Electrical Safety	IEC 60950-1 EN 60950-1
Operating Environment	ETS 300 019-1-2 ETS 300 019-2-3 Class 3.1E
EMC	ETSI EN 301 489-1 489-22

(*) For the EXTENDED BAND (118 ÷ 156 MHz), please refer to the dedicate code T06090414EX



Electric Schematics



Mechanical Specifications

RF Connectors	Nf
Dimensions (mm)	5U x 19" x 685
Weight (kg)	< 23
Front Panel Colour	RAL 9011