



5 CH VHF TX SINGLE CAVITY COMBINER

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

T06120437

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
Insertion Loss (dB)	@ $f_0 \pm 0.5\% f_0$ 2.5
Filter Selectivity (dB)	@ $f_0 \pm 0.5\% f_0$ > 17
at mid band with I.L. : 2 dB	@ $f_0 \pm 1\% f_0$ > 23
	@ $f_0 \pm 2\% f_0$ > 29
Isolation (dB)	@ $f_0 \pm 0.5\% f_0$ > 33
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 T06120437EX

Mechanical Specifications

RF Connectors	Nf
Dimensions (mm)	15U x 19" x 685
Weight (kg)	< 70
Colour	RAL 9011
Extended Temp. Range (°C)	-10 ÷ +55



This image is for illustrative purpose only

Electric Schematics

