



# 4 CHANNELS VHF RX SINGLE CAVITY COMBINER in Star Point Configuration

T06110401

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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                                                                          |
| Impedance ( $\Omega$ )                                  | 50                                                                                 |
| VSWR                                                    | $\leq 1.5:1$                                                                       |
| Filter Selectivity (dB)<br>at mid band with I.L. : 1 dB | $@ f_0 \pm 0.5\% f_0 > 17$<br>$@ f_0 \pm 1\% f_0 > 23$<br>$@ f_0 \pm 2\% f_0 > 29$ |
| Max Continuous Power (W)<br>per channel                 | $\leq 100$                                                                         |
| I.L. @ $f_0$ (dB)<br>with ch. spacing                   | $\pm 0.5\% f_0$ 1.5<br>200 kHz 2.5                                                 |
| Isolation @ $f_0$ (dB)<br>with ch. spacing              | $\pm 0.5\% f_0 \geq 18$<br>200 kHz $\geq 18$                                       |
| Operation Temp. Range ( $^{\circ}\text{C}$ )            | $-10 \div +55$                                                                     |
| Electrical Safety                                       | IEC 60950-1<br>EN 60950-1                                                          |
| Operating Environment                                   | ETS 300 019-1-2<br>ETS 300 019-2-3<br>Class 3.1E                                   |
| EMC                                                     | ETSI EN 301<br>489-1<br>489-22                                                     |

## Mechanical Specifications

|                   |                 |
|-------------------|-----------------|
| RF Connectors     | Nf              |
| Dimensions (mm)   | 10U x 19" x 650 |
| Weight (kg)       | < 40            |
| Front Panel Color | RAL 9011        |



## Electric Schematics

