



2 CHANNELS TX AND 2 CHANNELS RX VHF COMBINER 150 ÷ 165 MHz

T06990520

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) 150 ÷ 165

| | | |
|---------------------------|-----------------|------|
| Distance between Channels | TX1 - TX2 (kHz) | ±250 |
| | TX1 - RX1 (MHz) | ≥4.6 |
| | TX2 - RX2 (MHz) | ≥4.6 |

Impedance (Ω) 50

| | | |
|------------------|-----|-----|
| Return Loss (dB) | TX1 | ≥19 |
| | TX2 | ≥19 |
| | A1 | ≥20 |
| | A2 | ≥20 |

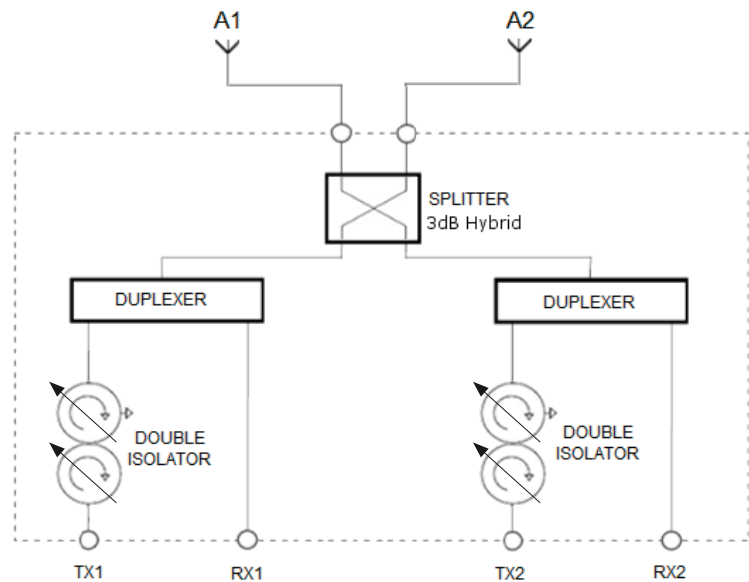
| | | | |
|---------------------|----------|-----|-----|
| Insertion Loss (dB) | | typ | max |
| | TX1 - A1 | 5 | 5.2 |
| | TX1 - A2 | 4.6 | 4.8 |
| | TX2 - A1 | 4.6 | 4.8 |
| | TX2 - A2 | 5 | 5.2 |
| | A1 - RX1 | 4.4 | 4.6 |
| | A2 - RX1 | 4 | 4.2 |
| | A1 - RX2 | 4 | 4.2 |
| | A2 - RX2 | 4.4 | 4.6 |

| | | |
|----------------|-----------|-----|
| Isolation (dB) | TX1 - RX1 | ≥80 |
| | TX1 - RX2 | ≥90 |
| | TX2 - RX1 | ≥90 |
| | TX2 - RX2 | ≥80 |
| | TX1 - TX2 | ≥80 |
| | RX1 - RX2 | ≥30 |

Max input power (W) per channel 50

Operation Temp. Range (°C) -30 ÷ +60

Electrical Schematics



DEVICES MUST BE TUNED TO THE INDIVIDUAL OPERATING CHANNELS

Mechanical Specifications

RF Connectors Nf

Dimensions 19" x 3U x 300mm

Weight (kg) 7

Dimensions (mm)

