



POLOMARCONI.IT



BRANCHING UNIT VHF 2 TX and 2 RX COMBINER

T06990524

PMR

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

Electrical Specifications

Frequency band (MHz)	Tx Rx	163÷165 159÷160
Impedance (Ω)		50
VSWR (all ports)		$\leq 1.5:1$
Min Duplex Spacing (MHz)		4
Tx-Tx Spacing (MHz)		< 1.5
Max Tx Power (W)		35
Max Rx Power (dBm)		0
Tx Insertion Loss (dB)		≤ 6.5
Rx Gain (dB)		2 ± 1
LNA Noise Figure (dB)		< 6
Isolation (dB)	Tx - Tx Rx - Rx ANT - Tx Tx - Rx	≥ 40 ≥ 20 ≥ 25 ≥ 65
Power Supply (V)		$12 \div 32$
Current Consumption (mA)	@ 12 V _{DC}	< 200

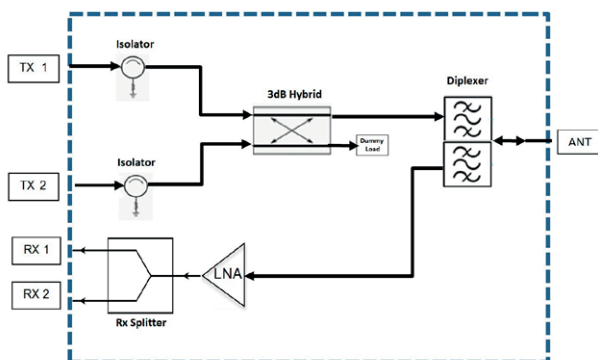
Mechanical Specifications

RF Connectors	Nf
DC Connector	RKMF 3/0.5M
Mating connector (not supplied)	RSMCK 3
Dimensions	3U x 19" x 400mm
Weight (kg)	14
Front Panel Color	RAL 7035

Environmental Specifications

Operation Temp. Range (°C)	$0 \div +50$
Storage Temp. Range (°C)	$-40 \div +70$

Electric Schematics



Dimensions (mm)

