



# 3dB HIGH ISOLATION HYBRID COMBINER WITH RX LIMITER

160 MHz

T09210503

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

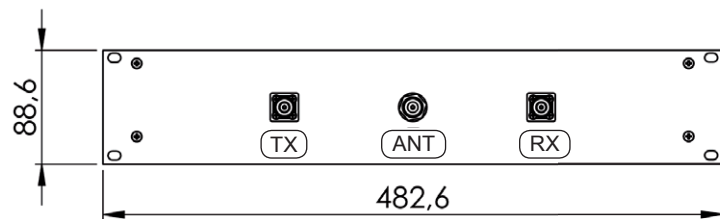
Frequency (MHz)	160
Bandwidth (MHz)	±2.5
Impedance ( $\Omega$ )	50
Insertion Loss Tx (dB)	$\leq 3.3 \pm 0.2$
Insertion Loss Rx (dB)	$\leq 4 \pm 0.2$
Return Loss (dB) all ports	> 20
Max Power Rx Port (dBm) @ $110W \geq P_{Tx} \geq 10W$	$\leq 0$
Max Reflection Coefficient acceptable at the Antenna Port (dB)*	$\leq -12$
Limiter recovery time (ms)	$\leq 1$
Max Tx Continuous Power (W)	120
Operating Temp. Range ( $^{\circ}C$ )	$-10^{\circ} \div +50^{\circ}$



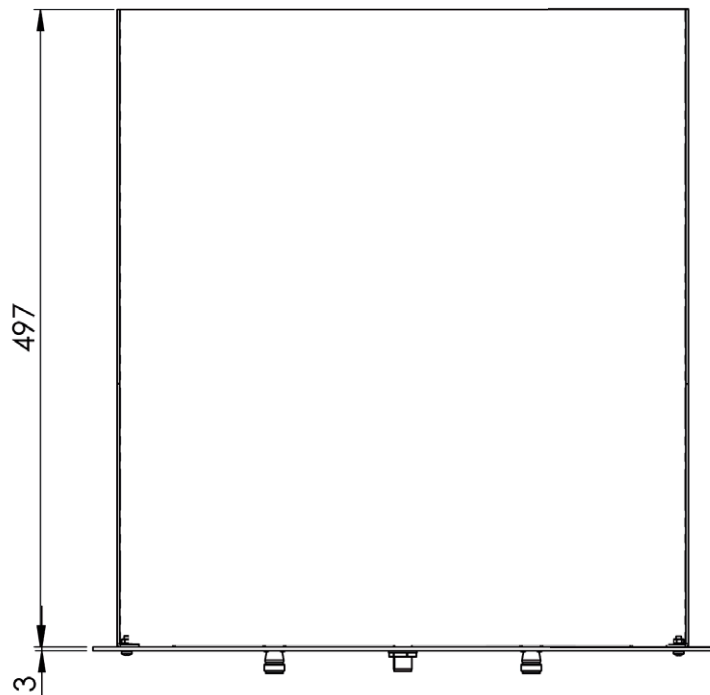
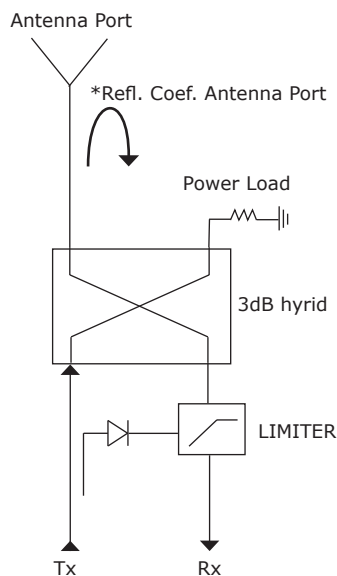
## Mechanical Specifications

Connectors	3 x N f
Dimensions MAX (mm)	482.6 x 497 x 88.6
Fixing holes	TBD

## DIMENSIONS (mm)



## BLOCK DIAGRAM



Made in Italy. We reserve the right to modify these data without any notice.