



# RX BAND PASS FILTER

for TETRA Basestation, 412 ÷ 417 MHz

T05161404

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

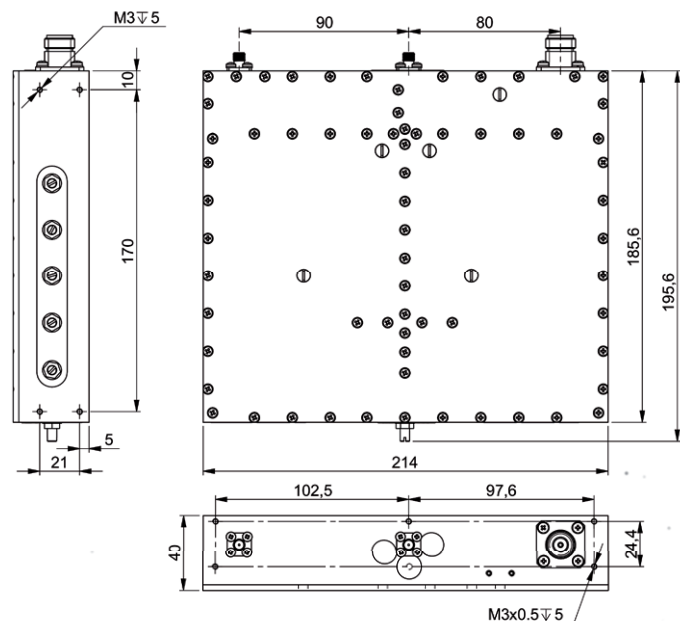
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## Electrical Specifications

Frequency Band (MHz)	412 ÷ 417
Impedance ( $\Omega$ )	50
Bandwidth (MHz)	5
Guard Band (MHz)	5
Frequency spacing (MHz)	10
Insertion Loss (dB)	< 1.4
@ ambient temperature	< 1.4
@ operating temperature	< 1.7
Return Loss (dB)	> 17.5
RX attenuation (dB)	$\geq 70$
@ TX frequencies	$\geq 70$
65÷80 MHz	$\geq 80$
145÷175 MHz	$\geq 80$
530÷4000 MHz	$\geq 30$
Coupling (dB) of the directional coupler	35 ± 3
VSWR of the directional coupler	1.2
Continuous input power (dBm)	40
Operating Temp. Range (°C)	-10° ÷ +70°
Environmental conditions	ETS 300-019-1-0
Safety	EN 60950
EMC standard compliance	ETSI EN 301-489-18



## Dimensions



## Mechanical Specifications

Antenna	N f
Connectors	RX SMA f
Coupled Line	SMA f
Dimensions (mm)	214 x 196 x 40
Weight (kg)	2.0



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