



BAND PASS FILTER PLUS LOW PASS FILTER

169 ÷ 170 MHz

T05040501

POLOMARCONI.IT

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

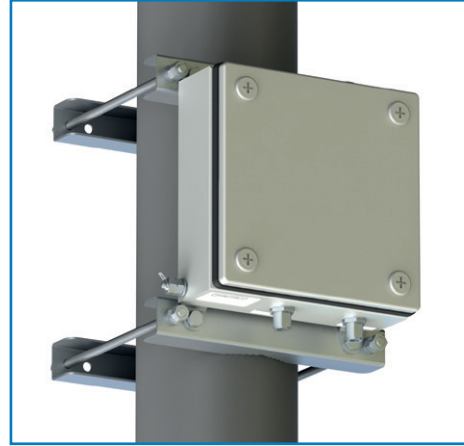
M2M

Electrical Specifications

Frequency band (MHz)	169 ÷ 170
Impedance (Ω)	50
Return Loss (dB)	≤ 18
Insertion Loss (dB)	≤ 1.7
Continuous Max. Power (W)	0.5
Attenuation out of band	at 60 ÷ 120 MHz ≥ 80
	at 174 ÷ 220 MHz ≥ 20
	at 380 ÷ 430 MHz ≥ 50
	at 600 ÷ 2000 MHz ≥ 50
MTBF [years]	294 [*]
Lifetime [years]	24 [**]
Operating Temp. Range ($^{\circ}\text{C}$)	-30 ÷ +70

[*] Calculated with MIL-HDBK-217F - Notice 2, Ground Fixed at +70°C

[**] Assuming an exponential failure distribution, with 92% confidence level



Mechanical Specifications

Connectors	2 x N f
Dimensions (HxWxD) (mm) fixings not included	200 x 200 x 83
Weight (kg) fixings not included	< 4
Colour	Federal Standard 595 Color FS 26307 (Bulkhead machinery grey)
IP protection	IP 65
Mounting	on pole by brackets $\varnothing 30 \div 125$ (mm) on wall (see dimensions drawing)

Electric Schematics



Dimensions (mm)

