

2. TECHNICAL SPECIFICATIONS

Profino Revolution Plus 6711		
Inputs	-	1 FM + 1 DAB/VHF + 2 UHF
Outputs	-	1 main (FM-VHF-UHF) + 1 test port (-30dB)
Frequency range	MHz MHz MHz	FM: 88 - 108 VHF: 174 - 240 UHF: 470 - 862
LTE protection	MHz	Automatic selection: 694, 790 or OFF
Input level	dB μ V dB μ V dB μ V	FM: 37 - 77 VHF: 45* - 109 UHF: 45* - 109
FM Output power (60dB/IM3)	dB μ V	113
VHF/UHF Output power (60dB/IM3)	dB μ V	115
VHF/UHF Output power (36dB/IM3)	dB μ V	126
VHF/UHF Output power with 1 MUX	dB μ V	108
VHF/UHF Output power with 15 MUX	dB μ V	105
Conversion	-	Yes (from any VHF \rightarrow VHF channel and any UHF \rightarrow UHF channel)
Number of channels	-	More than 50 (15 filters)
Add channels	-	Per 1, 2, 3, 4 or 5 MUXes
Gain	dB dB dB	FM: 35 VHF: >60 UHF: >60
Gain adjustment : FM VHF/UHF	dB -	20 Channel AGC
General attenuator	dB	20
VHF/DAB attenuator	dB	15
Selectivity	dB/1MHz	35
Return loss	dB	10
Output MER	dB dB	VHF: >35 UHF: >35
ESD protection	-	All inputs
Remote voltage for preamp	V	12 or 24
Remote current	mA	100 (total for the 3 inputs)
Operating temperature	$^{\circ}$ C	-5 to +50
Power Supply	Vac	100 - 240
Power consumption	W	12
Dimensions	mm	217 x 165 x 59
Weight	kg	0,8

* For 64QAM with code rate 3/4