6711 Profino Revolution Plus

Programmable terrestrial filter amplifier: 4 inputs: 1 FM + 1 DAB/VHF + 2 UHF / >50 Channels (15 filters) / 126dBµV / AGC / 12-24 V remote power

The Profino Revolution Plus will boost your business
The Profino Revolution Plus is a light version digital Profiler.
The 6711 has 1 FM, 1 DAB/VHF and 2 UHF inputs.
> 50 Channels can be filtered, amplified and converted.
The filters on adjacent channels are extremely sharp.

The new Johansson Profino Revolution Plus has no equivalent on the market due to its revolutionary technology:

- Read-out of input level strength: no need for field strength meter
- Can process up to > 50 channels
- Sharpest filters on the market (50 dB on adjacent channels)
- Real-time AGC on all individual multiplexes
- Flex matrix: complete flexibility in assigning filters from any input
- Made in Europe, for worldwide application
- The Profino Revolution Plus is really easy to install
- RED compliant (selectivity classification 0 – 1 – 2 – 3 – 4)
- Equalize and optimize terrestrial signals for your optical installation (70 dBµV output power is optimal: you might use the test port (-30dB))

Specifications

Inputs	-	1FM + 1 DAB/VHF + 2 UHF
Outputs	-	1 main (FM-DAB-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	dBµV dBµV dBµV	FM: 37 - 77 VHF: 45** - 109 UHF: 45** - 109
FM output power (60dB/IM3)	dBµV	113
VHF/UHF output power (60dB/IM3)	dBµV	114
VHF/UHF output power (36dB/IM3)	dBµV	125
VHF/UHF output power with 1 MUX	dBµV	108
VHF/UHF output power with 6 MUX	dBµV	107
VHF/UHF output power with 15 MUX	dBµV	105
Number of channels	-	More than 50 (15 filters)

Add channels	-	Per 1, 2, 3, 4, 5 or 6 MUXes
Conversion	-	Yes from any VHF to any VHF channel from any UHF to any UHF channel
Gain	dB dB dB	FM: 35 VHF: > 60 UHF: > 60
Gain adjustment	dB dB	FM: 20 VHF/UHF: Channel AGC
Noise figure	dB	VHF-UHF: 7
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 Remote current	V mA	12 or 24 100 (total for the 4 inputs)
Operating temperature	°C	-5 to +50
Power Supply Power Consumption	V W	100 - 240 12
Dimensions	mm	217 x 165 x 59
Weight	kg	0,8

* Patented Technology | ** For 64QAM with code rate 3/4