

# Profino Revolution Lite

## 6714



The **Johansson Profino Revolution Lite** is a simplified programmable filter amplifier exclusively for VHF-UHF signal reception and distribution. The device is remotely powered over coax. The auto-programming functionality helps you to simplify your installation and reduce setup time significantly.

- Programmable terrestrial filter amplifier
- 1 FM/VHF/UHF & 2 VHF/UHF
- Read-out of input level strength: no need for field strength meter
- Can process and convert more than 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
- **Auto-programming functionality**
- **KIT6714: amplifier 6714 + power supply 2438**



## Specifications 6714

Inputs	-	1 FM/VHF/UHF & 2 VHF/UHF
Outputs	-	1 (FM-VHFS-UHF)
Input frequency range	MHz	FM: 88 - 108 / VHF: 174 - 240 / UHF: 470 - 694
Output frequency range	MHz	174 - 862
LTE Protection	MHz	694 (5G)
Input level	dB $\mu$ V	VHF: 37* - 109 / UHF: 37* - 109 (* For 64QAM with code rate 3/4)
VHF/UHF output power (60 / 36 dB/IM3)	dB $\mu$ V	114 / 125
VHF/UHF output power with 1 / 6 / 15 / 32 MUX	dB $\mu$ V	108 / 108 / 105 / 102
Conversion	-	Yes (from any VHF-UHF channel to any VHFS-UHF channel)
Add channels	-	Per 1, 2, 3, 4, 5 or 6 MUXes
Number of channels	-	More than 50 (32 filters)
Gain	dB	VHF: >65 / UHF: >65
Gain adjustment	dB	VHF/UHF: Channel AGC
General attenuator	dB	20
VHF attenuator	dB	15
Noise figure	dB	7
Selectivity	dB/1MHz	50
Return Loss	dB	10
Output MER	dB	VHF: 35 / UHF: 35
ESD protection	-	All inputs
Remote voltage for preamp	V	12 or 24
Remote current	mA	50 (total for the 3 inputs)
Operating temperature	°C	-5 to +50
Power Supply	Vac	12 (External PSU Ref. 2438)
Power Consumption	W	9
Dimensions	mm	190 x 165 x 55
Weight	kg	0,65

## Power Supply 2438

Insertion loss	dB	0,5
Input-output connectors	-	Type F
AC input voltage / Frequency / Power	-	100 - 230 V~ / 50 Hz / 12,3 W
DC output voltage	VDC	12
Output current	mA	750
Mounting	-	Internal (IP20)
Dimensions	mm	95 x 76 x 35