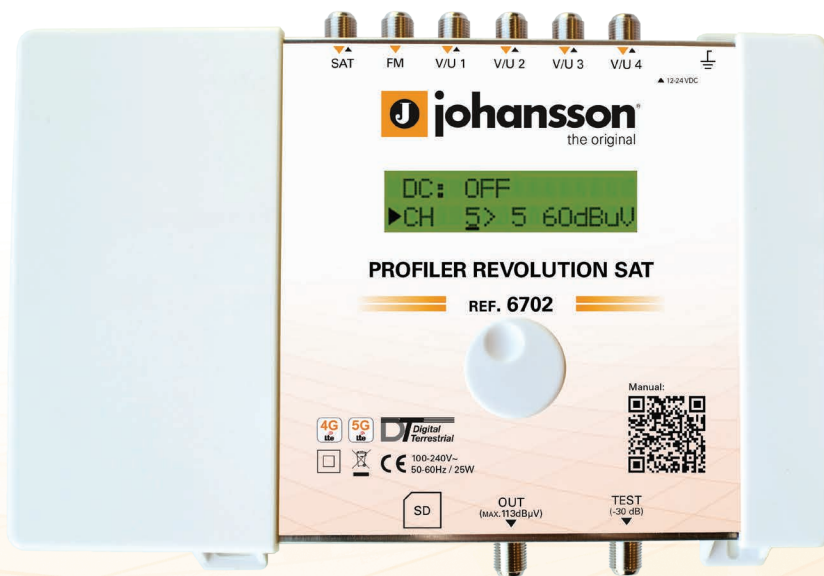


Profiler Revolution SAT

REF. 6702

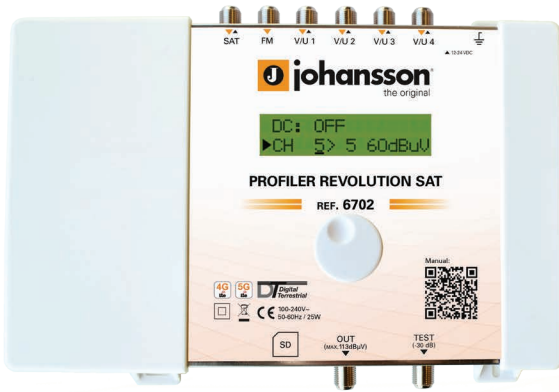


No equivalent on the market
due to its revolutionary technology:

- Read-out of input level strength: no need for field strength meter
- Can process more than 50 channels (satellite and terrestrial)
- Can convert a wide selection of terrestrial 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 Profiler Revolution SAT is really easy to install
- RED compliant
- Patent pending



Increase the amount of content, minimize installation costs and improve the video quality with the Profiler Revolution SAT.



- The most cost-efficient channel convertor solution on the market
- Very easy and fast installation
- Extremely sharp filters
- Perfect headend for your fibre installation
- Excellent quality of the output signal

Parameter	Unit	Value
Inputs	-	1 SAT + 1 FM + 4 VHF/UHF
Outputs	-	1 main (SAT-FM-VHF-UHF) + 1 test port (-30dB)
Frequency range	MHz	SAT: 950 - 2400
	MHz	FM: 88 - 108
	MHz	VHF: 174 - 240
	MHz	UHF: 470 - 862
LTE Protection	MHz	Automatic selection: 694, 790 or OFF
Input level	dBμV	SAT: 40 - 95
	dBμV	FM: 37 - 77
	dBμV	VHF: 40* - 109
	dBμV	UHF: 40* - 109
SAT output power	dBμV	119 (-35dBc/IM3 2 carriers)
FM output power	dBμV	113 (60dB/IM3)
VHF/UHF output power	dBμV	120 (60dB/IM3)
VHF/UHF output power	dBμV	113 (with 1 MUX)
VHF/UHF output power	dBμV	110 (with 6 MUX)
Conversion	-	Yes, from any VHF-UHF channel to any VHF-UHF channel
Noise figure	dB	SAT: 8
General attenuator	dB	20
Gain	dB	SAT: 40
	dB	FM: 35
	dB	VHF: > 45
	dB	UHF: > 55

Parameter	Unit	Value
Gain adjustment	dB	SAT: 20
	dB	FM: 20
	dB	VHF/UHF: Channel AGC
Slope adjustment	dB	SAT: 12
	dB	VHF/UHF: 9
Selectivity	dB	SAT: 40 (@ 862 MHz)
	dB/1MHz	VHF/UHF: 35
Return loss	dB	10
Output MER	dB	VHF: 35
	dB	UHF: 35
ESD protection	-	All inputs
DC @ VHF/UHF input	V	12 or 24
DC Load current @ VHF/UHF input	mA	100 (total for the 4 VHF/UHF inputs)
DC @ SAT input	-	13V/18V/Bypass & 0/22kHz selectable by SW
DC Load current @ SAT input	mA	300
SD port	-	Yes, for copy configuration
Operating temperature	°C	-5 to +50
Power Supply	V	100 - 240
Power Consumption	W	25
Dimensions	mm	217 x 165 x 59
Weight	kg	0,85

* For 64QAQM with code rate 3/4