

Selective Programmable RF Converter WITH FILTERING AND DIGITAL PROCESSING



PRO 100



Programmable converter that allows filtering, converting and amplifying up to 32 digital signals from the terrestrial band.



SELECTIVE PROGRAMMABLE RF CONVERTER

EVO PRO

Programmable converter that allows filtering, converting and amplifying up to 32 digital signals from the terrestrial band.

APPLICATION

Distribution of RF band signals for individual and collective installations.

FEATURES

- 4 VHF/UHF band inputs. 1 FM input
- Up to 32 channel filters.
- Automatic level detection of VHF/UHF input signals.
- CAG with wide dynamic range at the input.
- Programmable VHF/UHF internal pre-amplifier.
- High selectivity (>65dB) and rejection to adjacent channels.
- Automatic insertion of high rejection LTE filters.
- Test output (-30dB).



Supply Voltage	100 ÷ 240 V
Consumption	10 W
Operating temperature	-10 ÷ 50 °C

MODEL	EVO PRO 100		
Reference	35570		
	FM	VHF/UHF	
Number of entries	1	4	
Band	MHz	88÷108	VHF: 174÷240 UHF: 470÷862 UHF: 470÷790 (with 4G rejection filter) UHF: 470÷694 (with 5G rejection filter)
Operational input level	dBμV	<78	<108
Number of filters	32 programmable		
Return losses	dB	>10	
Digital output level	dBμV	93 ÷ 115	
Test output level	Output level -30dB		
Tilt	dB	0 ÷ 9	
Output MER	dB	35 (for MER input >38 dB)	
DC current Pass		NO	12V / 100mA (programmable)
Packaging dimensions	mm	230x218x54	
Weight	Kg	1.04	