

## FRPRO LIGHT 5G

Headends with filters



**3-input** (VHF+DAB / UHF flexible) **programmable head-end** to carry out high selectivity filters with up to 108dB $\mu$ V output level for each filter. **32 filters from 1 to 6 channels**, each with 9 selectivity levels.

### Technical Chars

- **Self Equalizer:** the product **scans** all the input signals and **automatically amplifies** all receivable channels, **equalizing** them on the output port. It can be done automatically after every short-time power-off or, via SW, disabled or launched.
- **Repeated Mux Conversion:** when there are **iso-frequency channels** on different inputs, it is possible to decide if **maintain** only the stronger channel and remove weaker, or **re-locate** weaker channels to 5G and 4G LTE frequencies.
- The station can **filter, convert, amplify and distribute** many DVB-T/T2 digital terrestrial multiplexes available in both VHF and UHF bands.
- **Perfect equalisation of output signals.**
- Isofrequency filtering or channel conversion.
- Automatic gain control on every single mux.
- **5G and 4G LTE filtering.**
- Quick and easy installation and programming thanks to on-board keyboard and display, with input and output level indications.
- **External power supply included in the package.**

FRPRO LIGHT 5G		
Code		287629
<b>Input</b>		
Inputs		3x VHF/UHF
Input no.		3
Connectors		F female
Filter		Flexible Matrix 32/1..6
DAB, III Frequency	MHz	174 - 240
Frequency	MHz	470-694 (5G >40dB filter)
Dynamic adj	dB	>60 (auto CAG)
VHF input level	dB $\mu$ V	Self Equalizer: 45÷109; Configurazione manuale: 37÷109
Maximum input level UHF	dB $\mu$ V	Self Equalizer: 45÷109; Configurazione manuale: 37÷109

Outputs		
Outputs number		1
Connectors		F female
Mixed band	MHz	174 - 240 / 470 - 862
UHF Max Output level	dB $\mu$ V	108 (for each filter VHF/UHF)
Gain adjustment	dB	20
VHF gain adjustment	dB	15
Cluster selectivity filter	dB	50@1MHz
MER RF	dB	III+DAB / UHF: 35
Return loss	dB	>10
Features		
Power supply	V	12-15 (289087 - SPS1750 included)
Power Consumption	W	9
Remote power supply		100mA (12/24V)
Working temperature	$^{\circ}$ C	-5 to +50
Protection		IP20
Dimensions	mm	195x165x50
Conformity		EN60065: 2004-06, EN50083-2: 2002-05
Dimensions and packaging		
Pcs		1
EAN code		8016978106813
Net Weight	Kg	1
Weight	Kg	0.8