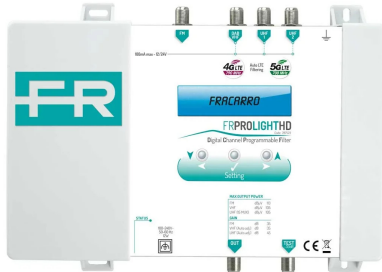


FRPRO LIGHT HD

Headends with filters



4-input (FM, VHF+DAB, UHF, UHF) programmable head-end to carry out high selectivity filters with up to 108dB μ V output level for each filter. 15 filters from 1 to 6 channels, each with 3 selectivity levels.

Technical Chars

- The station can **filter, convert, amplify and distribute** many DVB-T/T2 digital terrestrial multiplexes available in both VHF and UHF bands.
- **Perfect equalization of output signals.**
- Isofrequency filtering or channel conversion.
- Automatic gain control on each individual mux.
- **Automatic 5G and 4G LTE filtering.**
- Quick and easy installation and programming.

initial_fields		
Code		287523
Input		
Inputs		FM, VHF+DAB, UHF1, UHF2
Input no.		4
Connectors		F female
Filter		Flexible Matrix 15/1..6
Frequency FM	MHz	88 - 108
DAB, III Frequency	MHz	174 - 240
Frequency	MHz	470-862 or 470-790 or 470-694 AUTO LTE Filter
Dynamic adj	dB	>60 (auto AGC)
VHF input level	dB μ V	45-109
Maximum input level UHF	dB μ V	45-109

Outputs		
Outputs number		1
Connectors		F female
Mixed band	MHz	174 - 240/470 - 862
Max output level FM	dB μ V	113 (60dBIM3)
UHF Max Output level	dB μ 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
Specifications		
Power supply voltage	Vdc/A	100-230 / 50-60
Power supply voltage	V	-
Current consumption	W	12
Isolation class		II
Remote feeding		100 (12/24)
Output test	dB	-30
Operating temperature	$^{\circ}$ C	-5 to +50
Protection		IP20
Conformity		EN60065: 2004-06, EN50083-2: 2002-05
Dimensions and packaging		
Pieces		1
EAN code		8016978102532
Packaging dimensions	mm	270 x 228 x 68
Product dimensions	mm	217 x 165 x 59
Packaging weight	Kg	0.8
Net Weight	Kg	1
Weight	Kg	0.8