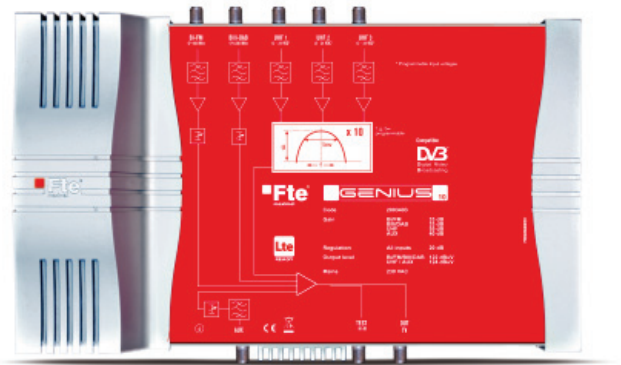


Genius ICT Lte



Genius 10 Lte

50 dB/UHF GAIN | 118 dBuV TER | 120 dBuV SAT | 2 OUT (1 SAT) | 10 Filters | 3 IN UHF | SAT 40 dB GAIN | ICT Compatible

55 dB/UHF GAIN | 124 dBuV | 3 IN UHF | 10 Filters

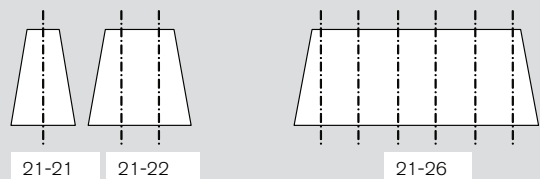
Genius 10 Lte and Genius ICT Lte features



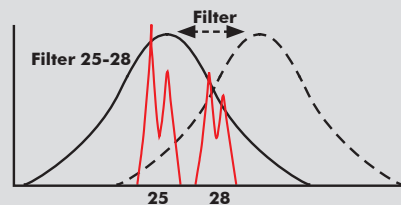
- ✓ Easy use with PRO 300
- ✓ Multiple configurations available

- ✓ Selectable band up to 6 channels in UHF (48 MHz)

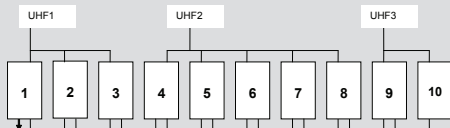
Combinations	Inputs		
	UHF1	UHF2	UHF3
1 (*)	1-3	4-8	9-10
2 (**)	1	2-8	9-10
3	-	1-8	9-10
4	1-3	-	4-10
5	1	-	2-10
6	-	-	1-10



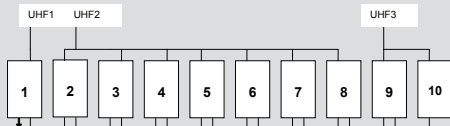
- ✓ Fine adjustment for each filter



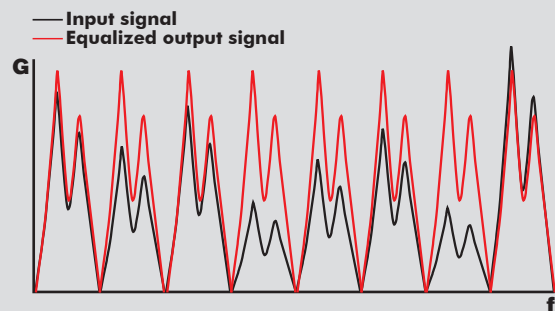
***Detail of the configuration**



****Detail of the configuration**



- ✓ Auto Leveling function. Up to 20 dB



- ✓ Backup function, program in few seconds your stored configurations
- ✓ AGC function. It guarantees a stable output level in distribution compensating up to +/- 10 dB



Technical specifications. Programmable headends Genius Lte series.



		Genius ICT Lte	Genius 10 Lte
Code		2003405	2003403
Description		Programmable headend 10 filters UHF and SAT	Programmable headend 10 filters UHF
Inputs	BI / FM	47 - 108 MHz	47 - 108 MHz
	BIII / DAB	174 - 230 MHz	174 - 230 MHz
	AUX	47 - 790 MHz	47 - 790 MHz
	3 x UHF	470 - 790 MHz (10 programmable filters)	470 - 790 MHz (10 programmable filters)
	SAT	950 - 2150 MHz	-
Band filters UHF		10 filters with bandwidth from 1 up to 6 channels (8-48 MHz) per filter	10 filters with bandwidth from 1 up to 6 channels (8-48 MHz) per filter
Outputs		2 (TER / TER+SAT) + 1 Test (-30dB)	1 TER + 1 Test (-30dB)
Gain	BI / FM	30 dB	33 dB
	BIII / DAB	30 dB	33 dB
	AUX	35 dB	40 dB
	UHF	50 dB	55 dB
	SAT	40 dB	-
Regulation	UHF	20 dB per filter + 20 dB general	20 dB per filter + 20 dB general
	Other inputs	20 dB	20 dB
Tilt SAT		5 dB	-
Output level DIN 45004 B	BI / FM	118 dBuV	122 dBuV
	BIII / DAB	118 dBuV	122 dBuV
	AUX	120 dBuV	124 dBuV
	UHF	120 dBuV	124 dBuV
Output level EN 50083-5	SAT	122 dBuV	-
Screening factor		> 90 dB in UHF	> 90 dB in UHF
LNCs feeding		0/13/18 VDC - 0/22 KHz / 300 mA	-
Pre-amp feeding		In UHF inputs 12/24 VDC / 80 mA	In UHF inputs 12/24 VDC / 80 mA
Maximum input level		In UHF/VHF/SAT inputs 85 dBuV	In UHF/VHF inputs 85 dBuV
Auto Leveling		Yes	Yes
CAG		Yes	Yes
Programming		PRO 300	PRO 300
Noise figure	BI / FM	5 dB	5 dB
	BIII / DAB	5 dB	5 dB
	UHF	10 dB	10 dB
	SAT	5 dB	-
Selectivity (± 20 MHz)		> 20 dB	> 20 dB
Feeding (VAC)		198-253 VAC / 47-63 Hz	198-253 VAC / 47-63 Hz
Consumption		30 W max.	25 W max.
Temperature		- 5 / +50°C	- 5 / +50°C
Dimensions (W x H x D) (mm)		360 x 220 x 110	360 x 220 x 110

