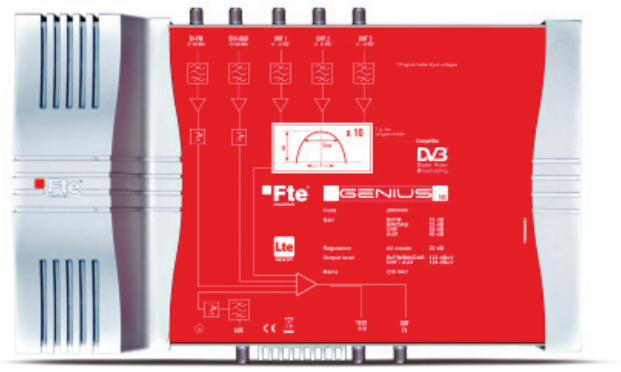


Genius ICT



Genius 10

- 50** dB/UHF GAIN
- 120** dBuV TER / **122** 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

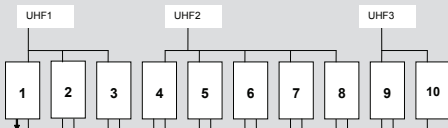
Genius 10 and Genius ICT features



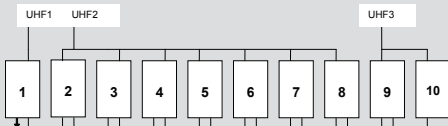
- ✓ Easy use with PRO 300
- ✓ Multiple configurations available

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

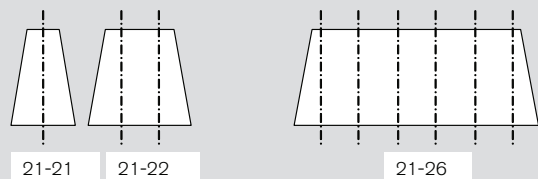
*Detail of the configuration



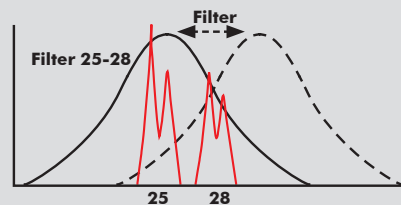
**Detail of the configuration



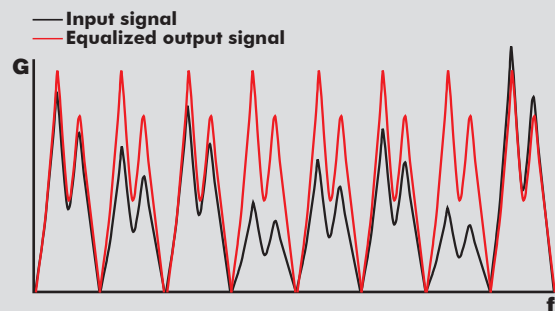
- ✓ Selectable band up to 6 channels in UHF (48 MHz)



- ✓ Fine adjustment for each filter



- ✓ 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 series.



		Genius ICT	Genius 10
Code		2003404	2003402
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 - 862 MHz	47 - 862 MHz
	3 x UHF	470 - 862 MHz (10 programmable filters)	470 - 862 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

