

Programmable Amplifiers



Genius ICT Lte



Genius 10 Lte

	Genius ICT Lte	Genius 10 Lte
Code	A - 2003405	A - 2003403
Description	Programmable headend 10 UHF filters and SAT	Programmable headend 10 UHF filters and SAT
Inputs	1: BI/FM: 47-108 MHz 1: BIII/DAB: 174 - 230 MHz 1: AUX: 47 - 862 MHz 3: UHF*: Lte: 470-790 MHz No Lte: 470-862 MHz 1 SAT: 950-2150 MHz	1: BI/FM: 47-108 MHz 1: BIII/DAB: 174 - 230 MHz 1: AUX: 47 - 862 MHz 3: UHF*: Lte: 470-790 MHz No Lte: 470-862 MHz
Band filters UHF	10 filters bandwidth from 1 up to 6 channels (8-48 MHz) per filter	10 filters bandwidth from 1 up to 6 channels (8-48 MHz) per filter
Outputs	2: (TER / TER+SAT) + 1 Test (-30 dB)	1: TER + 1 Test (-30 dB)
Gain	BI/FM: 30 dB BIII/DAB: 30 dB AUX: 35 dB UHF: 50 dB SAT: 40 dB	BI/FM: 33 dB BIII/DAB: 33 dB AUX: 40 dB UHF: 55 dB
Regulation	BI/FM: 20 dB BIII/DAB: 20 dB AUX: 20 dB UHF: 20 dB + 20 dB gral. SAT: 20 dB	BI/FM: 20 dB BIII/DAB: 20 dB AUX: 20 dB UHF: 20 dB + 20 dB gral.
Equalization	SAT : 5 dB	-
Auto leveling	✓	✓
CAG	✓	✓
Output level	BI/FM: 118 dBμV ⁽¹⁾ BIII/DAB: 118 dBμV ⁽¹⁾ AUX: 120 dBμV ⁽¹⁾ UHF: 120 dBμV ⁽¹⁾ SAT: 122 dBμV ⁽²⁾	BI/FM: 122 dBμV ⁽¹⁾ BIII/DAB: 122 dBμV ⁽¹⁾ AUX: 124 dBμV ⁽¹⁾ UHF: 124 dBμV ⁽¹⁾
LNC's feeding	0/13/18 VDC / 300 mA 0/22 Khz	-
Voltage supply pre-amp	In UHF inputs 12/24 VDC / 80 mA	In UHF inputs 12/24 VDC / 80 mA
Maximum input level	85 dBμV	85 dBμV
Programming	Through PRO 300	Through PRO 300
Noise figure	BI/FM: 5 dB BIII/DAB: 5 dB UHF: 10 dB SAT: 5 dB	BI/FM: 5 dB BIII/DAB: 5 dB UHF: 10 dB
Voltage supply	198-253 VAC / 47-63 Hz	198-253 VAC / 47-63 Hz

*Programmable

(1) DIN 45004 B (2) EN 50083-5

