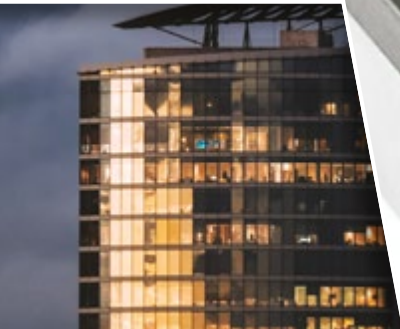




TV modulators & amplifiers range

In Building Solutions

2019-2020 Edition



Programmable amplifiers

DIGITAL TERRESTRIAL AMPLIFIERS

CAP 532 **NEW**

- 32 programmable filters
- High selectivity of digital filters (> 45dB)
- Built-in preamplifier and **Automatic gain control (AGC)** to capture and compensate for level difference
- LTE 700 and 800 automatic filter (4G/5G)
- High output level and adjustable



Download
android app



Model	CAP 532 (32 FILTERS)
Reference	0145284R13
Inputs	4x UHF/VHF / 1x BI/FM
Frequency range (MHz)	174-862 / 88-108
Channels bandwidth	8 MHz (UHF)
Gain (dB)	50
Input max level (dBμV)	108 (VHF-UHF) / 78 (FM)
Output max level (dBμV)	113
MER (dB)	35
Selectivity +/- 10 MHz (dB)	> 45 @ 8 MHz
Power pass	12 V
Powering voltage	110-240 VAC - jack 2.5mm
Size L x I x H (mm)	212 x 158 x 45
Consumption	> 10 W

CAP 564 **NEW**

- Up to 64 channels
- LTE 700 and 800 automatic filter (4G/5G)
- 5 inputs
- Gain & high output level
- Auto-Scan
- High selectivity of digital filters



*Powering voltage
included

Download
android app



Model	CAP 564 (32 FILTRES)
Reference	0145283R13
Inputs	2x UHF / 2x UHF/VHF / 1x BI/FM
Frequency range (MHz)	Configurable: 470-694 > 5G / 470-790 > 4G
Channels bandwidth	8 to 16 MHz (1 to 2 channels)
Gain (dB)	40 (VHF) - 50 (UHF)
Level adjuster (dB)	20 + 30
Noise figure (dB)	6.5
Input max level (dBμV)	60... 100
Output max level (dBμV)	119
Selectivity (dB)	35
Selectable power pass	12 / 24V on UHF
Powering voltage*	100-240 VAC - 7,5V DC - jack 2.5mm
Size L x I x H (mm)	192 x 217 x 37
Consumption	> 10 W

Amplifiers

MULTIBAND, CATV & SAT/TER AMPLIFIERS

> MULTIBAND AMPLIFIERS

Model	CAM 340	CAM 440
Reference	0145329R13	0145050R13
Inputs	3	4
Band	2x UHF 1x VHF/FM	2x UHF BI+FM / BIII+DAB
Outputs	1	
Test (-30 dB)	-	1
Frequency range (MHz)	BI+FM 47-108 UHF 470-694	BIII+DAB 160-240 UHF 470-694
Gain (dB)	40	
Max output level (dBμV)	116	117
Level adjuster (dB)	0...20	
Power pass (V DC)	-	24
Consumption	3 W	19 W



5G
FILTRE LTE



Zamac case

> CATV AMPLIFIERS C3 TYPE

Model	CAC 132	CAC 140
Reference	0145328R13	0145040R13
Inputs	1	
Outputs	2	1
Test	1 (-20 dB)	1 (-30 dB)
Frequency range (MHz)	88-862 + VR 5-65	88-790 + VR 5-65
Gain (dB)	2x 32	40
Level adjuster (dB)	0...20	
Slope adjuster (dB)	0...20	0...15
VR Gain (dB)	0...18	Passive
Max output level (dBμV)	115	119
Power pass	230 VAC	
Consumption	4 W	10 W



VR
VOIE DE RETOUR
RP 5-65 MHz



Zamac case

> SAT/TER AMPLIFIER C4 TYPE

Model	CAST 240
Reference	0145051R13
Inputs	2
Outputs	1
Test (-30 dB)	1
Frequency range (MHz)	TER 40-694 - SAT 950-2150
Gain	35 dB
Max output level	TER 119 dBμV
Level adjuster	0-20 dB
Slope adjuster	0...15 dB
Power pass	13 VDC / 180 mA
Powering voltage	230 VAC
Consumption	19 W

Zamac case

5G
FILTRE LTE





VMOD 601 1080P

COFDM TRANSMODULATOR



VMOD 601 Ref 0914825R13

- 1 HDMI input
- DVBT modulation
- Programming via front panel keyboard or PC



VMOD 603 1080P

COFDM TRANSMODULATOR



VMOD 603 Ref 0914016R13

- 1 HDMI input + Bypass
- DVBT modulation
- 2 x 16 digits big screen
- Programming via front panel keyboard or PC



Model	VMOD 603	VMOD 601
Reference	0914016R13	0914825R13
Resolution modes	HDMI H.264 - bitrate 5-15 Mb/s - 480P -576P -720P - 1080I -1080P	
Audio input	HDMI (32kHz / 44.1 kHz / 48 kHz)	
Compression audio	AAC-LC or MPEG1-L2 - bitrate 128-384 Kb/s	
DVBT output	170-230 MHz / 470-862 MHz - Niveau > 85 dBμV att.	
Constellation - FEC	QPSK/16QAM/64QAM - 1/2, 2/3, 3/4, 5/6, 7/8	
Guard interval	1/4, 1/8, 1/16, 1/32	
Mode - MER	2K/8K - 31 dB	
Powering (included)	+ 5V	
Consumption	6W	
Size	150 x 100 x 35mm	
Weight	0.5 kg	

VMOD-2HDMI 1080P

COFDM TRANSMODULATEUR 2 SOURCES



VMOD-2HDMI

Ref 0914843R13

NEW

- 2 HDMI inputs
- DVBT modulation
- 1 USB port for playing or recording
- 2 x 16 digits big screen
- Programming via front panel keyboard or PC

Caractéristiques Techniques

Output frequency (DVBT)	177-230 MHz + 470-862 MHz
Output frequency (DVBC)	50-862 MHz
RF output level	> 85 dBµV
Constellation - FEC	QPSK, 16QAM, 64QAM
Power supply included	+5V DC
Size	150 x 130 x 35mm
Weight	0.9 kg



VMOD-4HDMI 1080P

COFDM TRANSMODULATOR 4 SOURCES



VMOD-4HDMI

Ref 0914830R13

- Allows to encode up to 4 HDMI sources with a 1080P resolution for each input.
- 4 sources available in DVBT or DVBC at the output on 3 or 4 adjacent channels.
- Desktop model, can be mounted in an 19" rack by fixing the included brackets



19" brackets included



Technical specifications

Output frequency (DVBT)	177-230 MHz + 470-862 MHz
Output frequency (DVBC)	50-862 MHz
RF output level	95 dBµV
Constellation - FEC	QPSK, 16QAM, 64QAM
Power supply included	+5V DC
Size	200 x 135 x 67mm
Weight	0.6 kg



Free programming software (Pc Windows) multi-language





DOM-TOM / Oceania

Philippe CASPER

Tel. + 33 (0)6 79 75 03 39
philippe.casper@groupe-cahors.com

Europe / Middle East / Africa

Christophe SCHNELL

Tel. +33 (0)6 74 32 69 34
christophe.schnell@groupe-cahors.com



CAHORS INTERNATIONAL

ZI de Regourd - CS 90149 - 46003 Cahors cedex 9 - FRANCE
Tel. +33 (0)5 65 35 82 01 • Fax +33 (0)5 65 35 82 14
sales.support@groupe-cahors.com
www.groupe-cahors.com