



100x70x30mm



Option



PEÇA-DIN

DIN bar support

REF.		FC-12V	FC-24V
OUTPUT VOLTAGE	V _{DC} (DC)	+12 ±0.5	+24 ±0.5
MAXIMUM OUTPUT CURRENT	mA _{DC} (DC)	400	200
	(VA)		
MAINS CONSUMPTION	V _~ (AC)	90...265V~(50/60Hz)	
CONSUMPTION	W	6,5	
FREQUENCY	MHz	5...862	
LOSS OF PASSAGE	dB	3,5 Típico 3,8MAX	
		1 só saída - 1 sortie - 1 output - 1 só saída	
CONNECTION		"F" Connectors	
INPUTS		1	
OUTPUTS		2	
		1 output option	
DC SHORT CIRCUIT PROTECTION		Yes	
FALL DC		<0.2V@400mA	<0.2V@200mA
DIMENSION	LxWxH	100x70x30mm	



REF.		FC-LB12V2S	FC-LB12V1S
INPUTS	MHz	47 - 2200	
OUTPUTS	MHz	1 - TER: 47 - 860 1 - SAT: 950 - 2200	1 - TER+SAT: 47 - 2200
REC. ON		13/18V 0/22KHz DISEqC	
INPUT ANT.		13V _{DC} /280mA	
REC. OFF			
INPUT ANT.			
MAINS VOLTAGE	VAC	230V _~ ±10%	
INSERTION LOSS	dB	40...862 MHz = 1,5 950...2200 MHz = 2	



Power supply for use with the range of mast amplifiers TVF-900 (Pag. 09)



Range: TVF-220



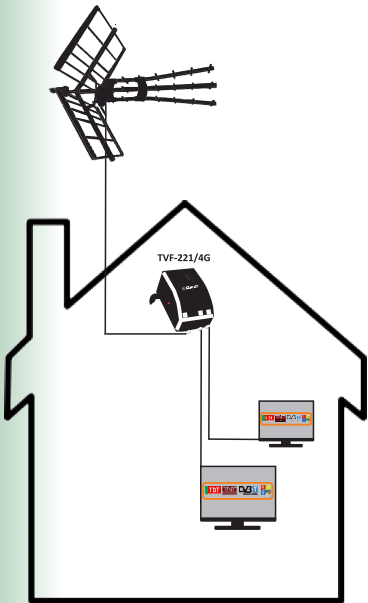
NEW

OPTION

Rejection

5G

READY



RETURN PATH
5-65MHz

RETURN PATH
5-65MHz

REF.	TVF-221/4G	TVF-222VR/4G	TVF-220CVR	TVF-223/4G	TVF-224/4G
INPUTS/OUTPUTS	1/2		1/1	1/2	
BAND RANGE	MHz	47-790	87,5-790	85-1000	47-790
GAIN	dB	VHF: 25 UHF: 30	20...25	15	VHF: 15 UHF: 25
AJUSTABLE GAIN RANGE	dB	VHF: 0-20 UHF: 0-20	VHF: 0-18 UHF: 0-18	-	VHF: 0-15 UHF: 0-20
MAXIMUM OUTPUT LEVEL	dBμV	102* 100**	107* 104**	112* 109**	102* 100**
MAINS VOLTAGE	VAC	230V~/50Hz			
MAINS CONSUMPTION	W	3,5	6	2,5	3,5
NOISE FIGURE	dB	VHF:3 UHF:4	4,5	VHF: 3,5 UHF: 4,2	VHF: 3 UHF: 4
CONNECTION		"F" Connectors			
RETURN PATH	MHz	No	5-65	5-65	No
	dB		AT: 5		
SEPARATED AMPLIFICATION	VHF-UHF	Yes	No		Yes

*DIN 45004B, IMD3= -60dB, 3P

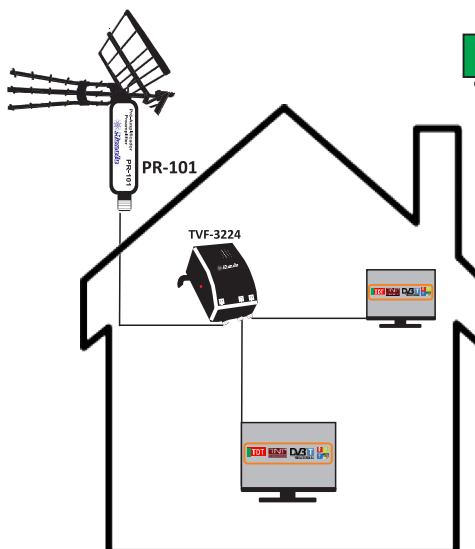
**EN 50083-3, IMD3= -60dB, 2P



Automatic Dc to Pré-amplifier



120x65x50mm



Range: TVF-320


NEW

OPTION

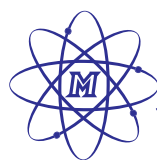

READY

REF.		TVF-3212	TVF-3224	TVF-324
INPUTS/OUTPUTS		1/2		
BAND RANGE	MHz	40-790		
GAIN	dB	VHF: 17 UHF: 25		
AJUSTABLE GAIN RANGE	dB	VHF: 0-20 UHF: 0-18		
MAXIMUM OUTPUT LEVEL	dBμV	108* 105**		
MAINS VOLTAGE	VAC	230V~/50Hz		
MAINS CONSUMPTION	w	6	10	4,5
NOISE FIGURE	dB	VHF:<4.2 UHF:<4.5		
CONNECTION		"F" Connectors		
AUTOMATIC <i>DC TO PRÉ-AMPL.</i>		VHF-UHF (12V) Max. pré (12V/80mA)	VHF-UHF (24V) Max. pré (24V/80mA)	No
SEPARED AMPLIFICATION	VHF-UHF	Yes		
MAX INPUT LEVEL		without att. 90dBμV		with att. 101dBμV

Chance of a signal output, which increases +3dB in the max. output signal

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



Range: AC-100/200/300



NEW

OPTION

Rejection

5G

READY

Option



PEÇA-DIN

DIN bar support



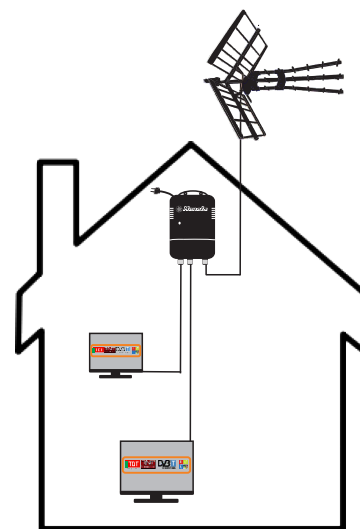
100x70x30mm

RETURN PATH

5-65MHz



With switching Power Supply



SAT+TER

REF.	AC-121	AC-124	AC-222	AC-220
INPUTS/OUTPUTS	1/2			1/1
BAND RANGE MHz	47-790		87,5-860	85-1000
GAIN dB	VHF: 25 UHF: 30	VHF: 15 UHF: 25	20...25	15
ADJUSTABLE GAIN RANGE dB	VHF: 0-20 UHF: 0-20	VHF: 0-15 UHF: 0-20	VHF: 0-18 UHF: 0-18	-
MAXIMUM OUTPUT LEVEL dBμV	102* 100**		107* 104**	112* 109**
MAINS VOLTAGE VAC	90...265V~(50/60Hz)			
MAINS CONSUMPTION W	<2			
NOISE FIGURE dB	VHF:3 UHF:4	VHF: 3 UHF: 4	4,5	VHF: 3,5 UHF: 4,2
CONNECTION	"F" Connectors			
RETURN PATH MHz	No		5-65	5-65
RETURN PATH dB			AT: 5	
SEPARATED AMPLIFICATION VHF-UHF	Yes		No	

REF.	AC-300
INPUTS/OUTPUTS	1/1
BAND RANGE	VHF/UHF/FI
GAIN dB	VHF/UHF/FI: 20
ADJUST GAIN RANGE dB	No
MAX OUTPUT LEVEL dBμV	102* 100**
NOISE FIGURE dB	VHF/UHF/FI: 2,5 FI: 2,5
SEPARATED AMPLIFICATION FI	No
FLOW OF CURRENT Receiver / LNB	Yes
MAINS VOLTAGE VAC	90...265V~(50/60Hz)
MAINS CONSUMPTION W	<2
CONNECTION	"F" Connectors

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P


NEW

OPTION

Rejection

5G
READY

Range: DIGI-AV


AUTOMATIC CONTROL OUTPUT LEVEL


Option - With automatic Dc through for pré amplifier - Ref

DIGI-AV-100C
DIGI-AV-150C
DIGI-AV-200C


137x104x52mm

		DIGI-AV-100	DIGI-AV-150	DIGI-AV-200
INPUTS		1	1	2
GAIN	dB	UHF: 15	UHF: 25	FM: 8 BIII/DAB: 12 UHF: 30
BAND RANGE	MHz	470...790		88...230 470...790
BAND WITH AUTOMATIC CONTROL OUTPUT LEVEL		UHF		
SEPARATED AMPLIFICATION	VHF/UHF	Não-No	Não-No	Sim-Yes
MAX. INPUT LEVEL - UHF	dBμV	12/24 Volts 82 (±3)	5 Volts 80 (±3)	73 (±3) 104 (±3)
AUTOMATIC CONTROL OUTPUT LEVEL	1 DVB-T Channel	75 (±3)	75 (±3)	110 (±3)
	3 DVB-T Channel	73 (±3)	73 (±3)	107 (±3)
	6 DVB-T Channel	69 (±3)	69 (±3)	103 (±3)
MAX. OUTPUT LEVEL - VHF	dBμV	-	-	110* 107**
NOISE FIGURE	dB	<3,5	<4,5	FM: <8 BIII/DAB: <5,5 UHF: <6
MANS VOLTAGE / CONSUMPTION MAINS	VAC	230V~/50Hz		
	W	6	10	4,5
AUTOMATIC RANGE ATTENUATION	dB	22(±2)		
CONNECTION		"F" Connectors		

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



Range: TVF-220

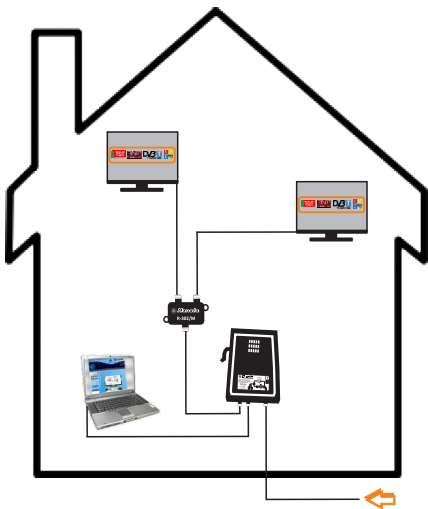


NEW
OPTION
Rejection
5G
READY

107
dBμV

IP20

Rejection
4G
lte



137x104x52mm

REF.		TVF-225	TVF-226	TVF-227	TVF-228	TVF-229
INPUTS/OUTPUTS		1/2	1/4		1/2	1/4
BAND RANGE	MHz	87,5-860		47-790		
RETURN PATH	MHz	5-65		No		
	dB	AT: 5	AT: 10			
GAIN	dB	14...23	12...20	VHF:14 UHF:23	VHF:30 UHF:30	VHF:26 UHF:26
ADJUST GAIN RANGE	dB	VHF: 0-20 UHF: 0-20		VHF: 0-20 UHF: 0-20		
MAX OUTPUT LEVEL	dBμV	107 104				
NOISE FIGURE	dB	VHF: 5 UHF: 5		VHF: 3 UHF: 4	VHF:4 UHF:4	
SEPARATED AMPLIFICATION	VHF-UHF	No		Yes		
MAINS VOLTAGE	VDC	230V/50Hz				
MAINS CONSUMPTION	W	3,5				

CONNECTION

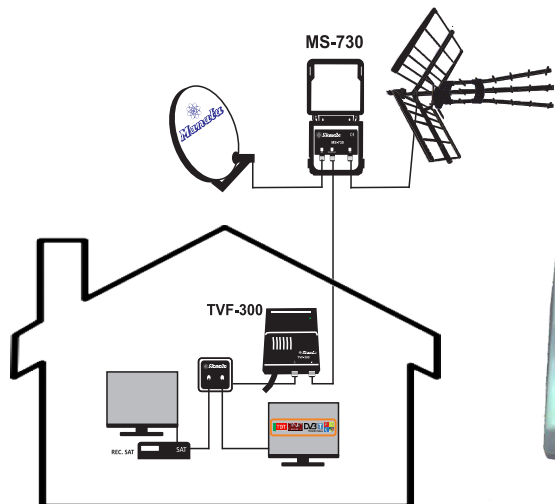
"F" Connectors

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



Range: TVF-300



REF.	TVF-300	TVF-301	TVF-302
INPUTS/OUTPUTS	1/1	1/2	1/4
BAND RANGE	VHF/UHF/FI	VHF/UHF FI	VHF/UHF FI
GAIN dB	VHF/UHF/FI: 20	VHF/UHF: 25 FI: 22	VHF/UHF: 20 FI: 18
ADJUST GAIN RANGE dB	Não-Non-No	VHF: 0-20 UHF: 0-20 FI: 0-20	VHF: 0-20 UHF: 0-20 FI: 0-20
MAX OUTPUT LEVEL dBμV	102* 100**	107* 104**	107* 104**
NOISE FIGURE dB	VHF/UHF/FI: 2,5 FI: 2,5	VHF/UHF: 3,5 FI: 6	VHF/UHF: 3,5 FI: 6
SEPARATED AMPLIFICATION RF-FI	Não-Non-No	Yes	Yes
FLOW OF CURRENT Receiver / LNB	Yes	Yes - Outputs protection by diode	Yes - Outputs protection by diode
MAINS VOLTAGE VAC	230~/50Hz	90~250/50-60Hz	90~250/50-60Hz
MAINS CONSUMPTION W	3,5	4	4

CONNECTION

"F" Connectors

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



Indoor Amplifiers



Range: TVF-303 / 304



PP/TVF250
Indoor support



Output 1
RJ45
TER+SAT
(88-2150MHz)

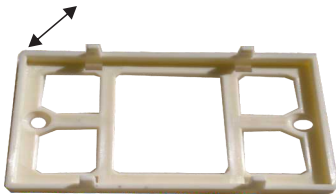


Output 2
RJ45
TER
(5-790MHz)



Output 3
RJ45
TER
(5-790MHz)

RJ45 Connectors



PP/AM6153
For fixation in the plastic box

REF.	TVF-303
INPUTS	1 "F" Connectors
3 - OUTPUTS	3 - RJ45 1 : 88-2150MHz 2 / 3 : 5-790MHz
BAND RANGE	5 - 65 88 - 790 950 - 2150
RETURN PATH (OUTPUT 2 and 3)	5 - 65
LOSS	-6 dB
GAIN	Output 1 (TER/SAT) TER: 88-790 MHz = 20...25dB SAT: 950-2150 MHz = 16...28dB Output 2 and 3 (TER) TER: 88-790 MHz = 18...22dB Return Path: 5-65 MHz < -6dB
MAX OUTPUT LEVEL	TER 106* / SAT 106* 103** / -
POWER SUPPLY / CONSUMPTION	18 / <150
ADJUST GAIN RANGE	0 - 20
DC TO LNB	13V / 18V / 22KHz - 400mA MAX

REF.	TVF-304
INPUTS/OUTPUTS	1/4
BAND RANGE	VHF/UHF FI
GAIN	VHF/UHF: 20 FI: 18
ADJUST GAIN RANGE	VHF: 0-20 UHF: 0-20 FI: 0-20
MAX OUTPUT LEVEL	107* 104**
NOISE FIGURE	VHF/UHF: 3,5 FI: 6
SEPARATED AMPLIFICATION	RF-FI Yes
FLOW OF CURRENT	Receiver / LNB Yes - Outputs protection by diode
POWER SUPPLY	External Power Supply AL18V
CONSUMPTION	150mA
CONNECTION	"F" Connectors

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P


NEW

OPTION

Rejection

5G
READY

Range: TVF-700/800



VHF-UHF Separated Amplification

Automatic Dc to Pré-amplifier



137x104x52mm

REF.	TVF-700	TVF-710	TVF-800	TVF-810	TVF-820	TVF-830	TVF-840	TVF-850	
INPUTS/OUTPUTS	4/1	4/1	4/1	4/1	4/1	3/1	2/1	1/1	
BAND RANGE	BI/BIII BIV BV UHF		BI BIII UHF UHF		BI/FM BIII UHF UHF	BI/FM/BIII UHF UHF	BIII/UHF UHF	40... 860MHz	
AUTOMATIC	BIV BV UHF		BIII UHF UHF			VHF UHF UHF	UHF	40... 860MHz	
DC TO PRÉ - AMPLIFIER	12V / 80 mA		12V / 80 mA			12V / 80 mA	12V / 80 mA	12V / 80 mA	
GAIN	dB	BI/BIII: 32 UHF: 34	BI/BIII: 28 UHF: 28	BI: 30 BIII: 32 UHF: 34	BI: 28 BIII: 28 UHF: 28	BI/FM: 30 BIII: 32 UHF: 34	UHF: 32 UHF: 34	BIII/UHF: 32 UHF: 34	32
ADJ. GAIN RANGE	dB	0-20							
NOISE FIGURE	dB	BI/BIII: 4,5 BIV: 5,5 BV: 5,5 UHF: 5,5	BI/BIII: 4,5 BIV: 7 BV: 7 UHF: 7	BI/BIII: 4,5 BIV: 5,5 BV: 5,5 UHF: 5,5	BI/BIII: 4,5 BIV: 7 BV: 7 UHF: 7	BI/BIII: 4,5 UHF: 5,5			
SEPARATED AMPLIFICATION	VHF-UHF	YES					NO		
MAINS VOLTAGE	VAC	90~250 / 50-60Hz							
MAINS CONSUMPTION	W	8					6,5	3,5	
MAX OUTPUT LEVEL	dBμV	UHF-115* VHF-112* UHF-112** VHF-109**							
CONNECTION		"F" Connectors							

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P

Gama/Gamme/Range: AM-4000



NEW

OPTION

Rejection

5G

READY



READY

VHF-UHF Separated Amplification

Automatic Dc to Pré-amplifier



REF.	AM - 4012	AM - 4013	AM - 4014	AM - 4015	AM - 4016	AM - 4017
INPUTS	4	1	4	2	2	2 VHF / UHF SAT Switchable to 1 VHF / UHF / SAT
BAND RANGE	MHz BIII/DAB 160-240 BIV 470-598 BV 606-790 UHF 470-790	VHF / UHF 88-790	FM 47-108 BIII/DAB 160-240 2 UHF 470-790	VHF / UHF 5 / 790 SAT 950-2150	VHF / UHF 88 / 790 SAT 950-2150	VHF / UHF 88 / 790 SAT 950-2150
GAIN	dB BIII/DAB 30 BIV/BV/UHF 35	VHF/UHF 35	FM 25 BIII/DAB 30 UHF 35	VHF/UHF Mix SAT 35	VHF/UHF 35 SAT 35	VHF/UHF - Switchable ON: 35dB OFF: -4dB SAT 35
ADJUSTABLE GAIN RANGE	dB Aten/reg BIII/DAB BIV/BV/UHF 0/20	Aten/reg VHF/UHF 0/20 Tilt/pente 0/15	Aten/reg VHF/UHF 0/20	Aten/reg SAT 0/15 Tilt/pente 0/12	Aten/reg VHF/UHF 0/20 Tilt/pente 0/15 Aten/reg SAT 0/15 Tilt/pente 0/12	Aten/reg VHF/UHF 0/20 Tilt/pente 0/15 Aten/reg SAT 0/15 Tilt/pente 0/12
MAXIMUM OUTPUT LEVEL	dBµV	UHF-117* VHF-115* UHF-114** VHF-112**	SAT-118***	UHF-116* VHF-114* UHF-113** VHF-111**	SAT-118***	UHF-116* VHF-114* UHF-113** VHF-111** SAT-118***
RETURN PATH	MHz	Não-Non-No	5 - 65	Não - Non - No - No	5 - 65	
AUTOMATIC DC TO PRÉ-AMPL.	BIII/DAB BIV/BV/UHF (24V/40mA Max) (Factory Option 12V/40mA)	Não - Non - No - No	BIII/DAB UHF (24V/40mA Max) (Factory Option 12V/40mA)	SAT 13V 180mA/Max	VHF/UHF 24V 40mA/Max (Factory Option 13V or 12V/40mA) SAT 13V 180mA/Max	
MAINS VOLTAGE	VAC	90-250Vac / 50-60Hz				
MAINS CONSUMPTION	W	12	4	10	12	
NOISE FIGURE	dB	VHF 6,5 UHF 6,5	VHF 5,5 UHF 4,5	VHF 7 UHF 6,5	SAT 5	VHF 6,5 UHF 5,5 SAT 5
CONNECTION	"F" Connectors					

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P

***EN 50083-3, IMD3= -35dB, 2P

Note:

Terrestrial gain, slop adjustment and return path are not available at passive terrestrial TV mode



118
dBμV

IP20

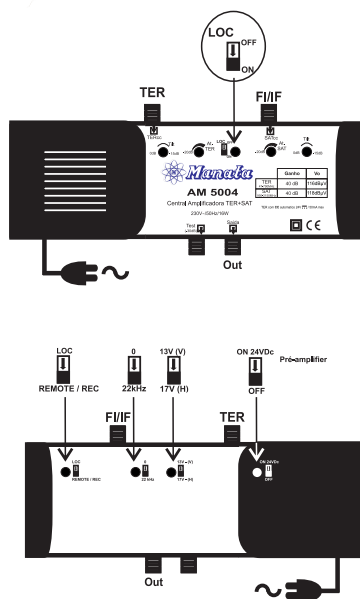
Range: TVF-SAT+TER



232x94x53mm



137x104x52mm



Switch:

LOC
- The LNB is supplied by the internal power supply of the broadband

LOC/REC
LOC - The LNB is supplied by the internal power supply of the broadband
REMOTE / REC - The LNB is supplied by te satellite receiver

0/22kHz
0 - Generator - 22 kHz (OFF)
22kHz - Generator - 22 kHz (ON)

13V/17V
13V(V) - The LNB supplied by internal power supply 13V (V)
17V(H) - The LNB supplied by internal power supply 17V (H)

ON 24VDC
ON 24VDC - Power supply for pré-amplifier ON.
OFF - Power supply for pré-amplifier OFF.

		TVF-305	AM - 5004S
INPUTS		2	
BAND RANGE	MHz	5 - 860 950 - 2150	
GAIN	dB	TER: Mix SAT: 30-35	
AJUSTABLE GAIN RANGE	dB	0/15	
MAXIMUM OUTPUT LEVEL	dBμV	SAT: 118 EN 50083-3, IMD3= -60dB, 2P	
MAINS VOLTAGE	VAC	90~250 / 50-60Hz	
MAINS CONSUMPTION	W	6	
NOISE FIGURE	dB	VHF: 3.5 UHF: 4.5 VHF: 6	
CONNECTION		"F" Connectors	
DC FOR LNB		SAT 13VDC / 180mA	

		AM - 5004
INPUTS		2
BAND RANGE	MHz	VHF/UHF 47/790 FI/IF 950/2150
GAIN	dB	VHF/UHF 40 FI/IF 40
AJUSTABLE GAIN RANGE	dB	Aten/Reg VHF/UHF 0/20 Tilt/Pente VHF/UHF 0/15 Aten/Reg FI/IF 0/20 Tilt/Pente FI/IF 0/18
MAXIMUM OUTPUT LEVEL	dBμV	VHF/UHF - 116 FI/IF - 118 VHF/UHF - 113 FI/IF - 115
MAINS VOLTAGE	VAC	90~250 / 50-60Hz
MAINS CONSUMPTION	W	16
NOISE FIGURE	dB	VHF 6,5 UHF 7,0 FI/IF 6,5
CONNECTION		"F" Connectors
DC FOR PRÉ		VHF/UHF 24VDC / (50mA max.)
INTERNAL SUPPLY FOR LNB		13V/17V (200mA max.)
GENERATOR INTERNAL 22kHz		22kHz (700 mVp-p)



Broadband Amplifiers



Range: AM-5000



VHF-UHF Separated Amplification

Automatic Dc to Pré-amplifier



232x94x53mm

REF.	AM - 5001	AM - 5002	AM - 5002 IT	AM - 5003	AM - 5021	AM - 5031
INPUTS	5			1	4	3
BAND RANGE	MHz	MHz	MHz	MHz	MHz	MHz
GAIN	dB	dB	dB	dB	dB	dB
AJUSTABLE GAIN RANGE	dB	dB	dB	dB	dB	dB
MAXIMUM OUTPUT LEVEL	dBµV	dBµV	dBµV	dBµV	dBµV	dBµV
RETURN PATH	MHz	MHz	MHz	MHz	MHz	MHz
MAINS VOLTAGE	VAC	VAC	VAC	VAC	VAC	VAC
MAINS CONSUMPTION	W	W	W	W	W	W
NOISE FIGURE	dB	dB	dB	dB	dB	dB
CONNECTION	F	F	F	F	F	F
AUTOMATIC	available 120 mA	available 120 mA	available 120 mA	available 120 mA	available 120 mA	available 120 mA
DC TO PRÉ-AMPL.	Max. Dispon. 120 mA	Max. Dispon. 120 mA	Max. Dispon. 120 mA	Max. Dispon. 120 mA	Max. Dispon. 120 mA	Max. Dispon. 120 mA

*DIN 45004B, IMD3= -60dB, 3P
**EN 50083-3, IMD3= -60dB, 2P


NEW
OPTION

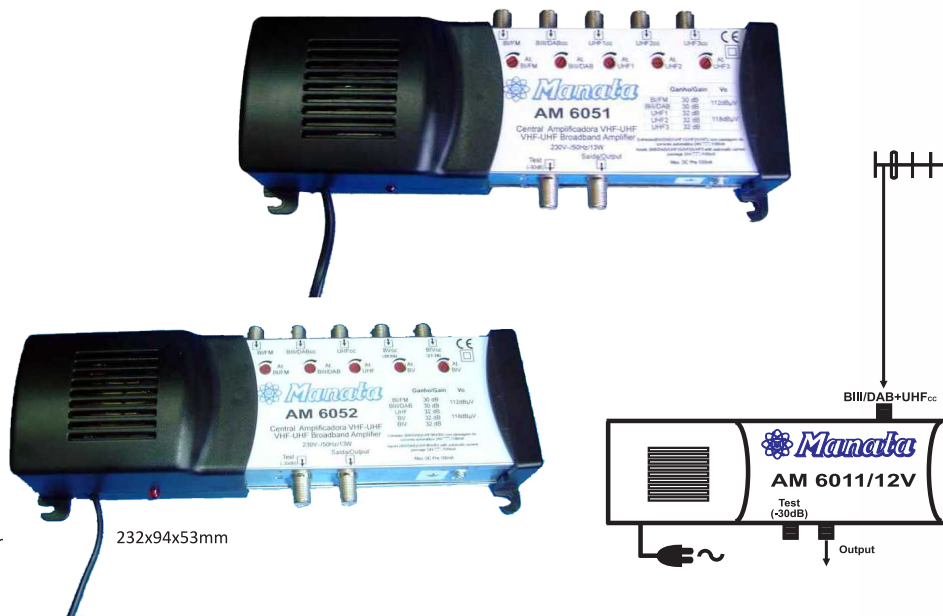
Rejeição...
...Rejection

5G
READY

Range: TVF-6000


DVB-T2
TERRESTRIAL

VHF-UHF Separated Amplification



Option - UHF inputs with Lte-4G filter

232x94x53mm

REF.	AM - 6011/12V	AM - 6031/12V	AM - 6051	AM - 6052	AM - 6051/12V	AM - 6052/12V
INPUTS	1	3	5			
BAND RANGE	MHz	MHz	MHz	MHz	MHz	MHz
GAIN	dB	dB	dB	dB	dB	dB
AJUSTABLE GAIN RANGE	dB	dB	dB	dB	dB	dB
MAXIMUM OUTPUT LEVEL	dBμV	dBμV	dBμV	dBμV	dBμV	dBμV
SAPARED AMPLIFICATION	VHF/UHF	VHF/UHF	VHF/UHF	VHF/UHF	VHF/UHF	VHF/UHF
MAINS VOLTAGE	VAC	VAC	VAC	VAC	VAC	VAC
MAINS CONSUMPTION	W	W	W	W	W	W
NOISE FIGURE	dB	dB	dB	dB	dB	dB
CONNECTION	Fichas Tipo "F"	Fichas Tipo "F"	Fichas Tipo "F"	Fichas Tipo "F"	Fichas Tipo "F"	Fichas Tipo "F"
AUTOMATIC	available 100 mA	available 100 mA	available 100 mA	available 100 mA	available 100 mA	available 100 mA
DC TO PRÉ - AMPL	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA
DC PARA PRÉ - AMPL	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA	Max. Dispon. 100 mA

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



Broadband Amplifiers



Range: AM-7000



VHF-UHF Separated Amplification

REF.	AM-7001	AM-7002	AM-7003	AM-7004	AM-7005	AM-7005IT
INPUTS/OUTPUTS	5/1+1 teste -30dB				1/1+1 teste -30dB	
BAND RANGE	MHz BI+FM: 40-108 BIII+DAB: 170-240 3-UHF: 470-860	BI+FM:40-108 BIII+DAB: 170-240 BIV:470-600 BV: 607-860 UHF: 470-860	BI: 40-68 BIII+DAB: 170-240 3UHF: 470-860	BI: 40-68 BIII+DAB: 170-240 BIV: 470-600 BV: 607-860 UHF: 470-860	VHF/UHF: 87-860	VHF/UHF: 170-860
GAIN	dB BI+FM: 38 BIII+DAB: 38 UHF: 42	BI+FM: 38 BIII+DAB: 38 BIV-BV-UHF: 42	BI: 30 BIII/DAB: 30 UHF: 35	BI: 30 BIII+DAB: 30 BIV-BV-UHF: 35	30	
ADJUST GAIN RANGE	dB	0/20				At. VHF/UHF 0/20 Tilt/Pente 0/15
MAX OUTPUT LEVEL	dBμV	UHF-121* VHF-118* UHF-118** VHF-115**				UHF-121* VHF-117* UHF-118** VHF-114**
MAINS VOLTAGE	VAC	85 ~ 264 / 50-60Hz				
MAINS CONSUMPTION	W	19				
NOISE FIGURE	dB	BI+FM: 6.5 BIII+DAB: 5 3UHF: 7.5	BI+FM: 6.5 BIII+DAB: 5 BIV-BV-UHF: 6.5	BI: 6.5 BIII+DAB: 5 UHF: 8.5	BI: 6.5 BIII+DAB: 5 BIV-BV-UHF: 7.5	VHF: 6.5 UHF: 6
CONNECTION		"F" Connectors				
AUTOMATIC		BIII+DAB 3 UHF (15V) Max.1 pré(15V/80mA)	BIII+DAB BIV BV UHF (15V) max. 1pré(15V/80mA)	BIII+DAB 3 UHF (12V) Max.1 pré(12V/80mA)	BIII+DAB BIV BV UHF (12V) max. 1pré(12V/80mA)	VHF/UHF (12V) max. 1pré(12V/80mA)
DC TO PRÉ - AMPL						
DIMENSION	mm	190X140X50				

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



OPTION



READY



Range: AM-7000



VHF-UHF Separated Amplification



REF.		AM-7001/12V	AM-7002/12V	AM-7105	AM-7105IT	AM-7121	AM-7131
INPUTS/OUTPUTS		5/1+1 teste -30dB		1/1+1 teste -30dB		2/1+1 teste -30dB	3/1+1 teste -30dB
BAND RANGE	MHz	BI: 40-68 BIII+DAB: 170-240 3-UHF: 470-860	BI: 40-68 BIII+DAB: 170-240 BIV:470-600 BV: 607-860 UHF: 470-860	VHF/UHF: 87-860	VHF/UHF: 170-860	BIII+DAB: 170-240 UHF: 470-860	BIII: 170-230 2-UHF: 470-860
GAIN	dB	BI: 38 BIII+DAB: 38 UHF: 42	BI: 38 BIII+DAB: 38 BIV-BV-UHF: 42	40		BIII+DAB: 38 UHF: 42	BIII: 38 2-UHF: 42
ADJUST GAIN RANGE	dB	0/20		At. VHF/UHF 0/20 Tilt/Pente 0/15		0/20	
MAX OUTPUT LEVEL	dBµV	UHF-121* VHF-118* UHF-118** VHF-115**		UHF-121* VHF-117* UHF-118** VHF-114**		UHF-121* VHF-118* UHF-118** VHF-115**	
MAINS VOLTAGE	VAC	85 ~ 264 / 50-60Hz					
MAINS CONSUMPTION	W	19					
NOISE FIGURE	dB	BI: 6.5 BIII+DAB: 5 3UHF: 7.5	BI: 6.5 BIII+DAB: 5 BIV-BV-UHF: 6.5	VHF: 3.5 UHF: 6		BIII: 5 UHF: 7.5	
CONNECTION		"F" Connectors					
AUTOMATIC		BIII+DAB 3-UHF (12V) Max.1 pré(12V/80mA)	BIII+DAB BIV BV UHF (12V) max. 1pré(12V/80mA)	VHF/UHF (12V) max. 1pré(12V/80mA)		VHF/UHF (12V) max. 1pré(12V/80mA)	BIII 2-UHF (12V) max. 1pré(12V/80mA)
DC TO PRÉ - AMPL							
DIMENSION	mm	190X140X50					

* DIN 45004B, IMD3= -60dB, 3P

** EN 50083-3, IMD3= -60dB, 2P

Range: AM-7000


NEW

OPTION


READY

118
121
dBμV

IP20

VHF-UHF Separated Amplification

REF.		AM-7152	AM-7154	AM-7321	AM-7541	AM-6031Z	AM-6051Z	AM-6052Z
INPUTS/OUTPUTS		5/1+1 teste -30dB		2/1+1 teste -30dB	4 / 1 + 1 test -30dB	3/1+1 teste -30dB	3/1+1 teste -30dB	4/1+1 teste -30dB
BAND RANGE	MHz	S12-S32: 237-390 BIII: 170-230 21-41: 470-630 43-69: 646-860 UHF: 470-860		BIII+S11...S20 UHF: 470-860	FM: 87-108 BIII+DAB: 170 - 240 UHF1: 470 - 790 UHF2: 470 - 860	FM: 88-108 2-UHF: 470-860	BI+BIII: 40-230 2-UHF: 470-860	BI+BIII: 40-230 BIV: 470-600 BV: 607-860 UHF: 470-860
GAIN	dB	BS: 34 BIII: 34 BIV-BV-UHF: 40	BS: 30 BIII: 30 BIV-BV-UHF: 34	BIII+S11...S20: 30 UHF: 32	FM: 38 BIII+DAB: 38 UHF: 42	FM: 34 UHF: 42	BI+BIII: 30 2-UHF: 35	BIII: 30 BIV-BV-UHF: 32
ADJUST GAIN RANGE	dB	0/20			0/20			
MAX OUTPUT LEVEL	dBµV	UHF-121* VHF-118* UHF-118** VHF-115**			UHF-118* VHF-112* UHF-115** VHF-109**			
MAINS VOLTAGE	VAC	85 ~ 264 / 50-60Hz						
MAINS CONSUMPTION	W	19						
NOISE FIGURE	dB	BS: 6.5 BIII: 5 BIV-BV-UHF: 7.5	BS: 6.5 BIII: 5 BIV-BV-UHF: 6.5	BIII: 5 UHF: 6	FM: 6.5 BIII+DAB: 5 UHF: 7.5	UHF: 7.5	BIII: 5 UHF: 6.5	
CONNECTION		"F" Connectors						
AUTOMATIC								
DC TO PRÉ - AMPL		BS BIII BIV-BV-UHF (12V) Max.1 pré(12V/80mA)	BS BIII BIV-BV-UHF (12V) Max.1 pré(12V/80mA)	BIII+S11...S20 UHF (12V) Max. 1pré(12V/80mA)	2-UHF (24V) Max. 1pré(24V/40mA)	2-UHF (24V) Max. 1pré(24V/80mA)	BI+BIII 2-UHF (12V) max. 1pré(12V/80mA)	BI+BIII BV BV UHF (12V) max. 1pré(12V/80mA)
DIMENSION	mm	190X140X50						

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



Range: AM-8000



VHF-UHF Separated Amplification



REF.	AM-8001	AM-8002	AM-8005	AM-8011
INPUTS/OUTPUTS	6/1+1 teste -30dB		2/1+1 teste -30dB	5/1+1 teste -30dB
BAND RANGE	MHz	MHz	MHz	MHz
GAIN	dB	dB	dB	dB
ADJUST GAIN RANGE	dB	dB	dB	dB
MAX OUTPUT LEVEL	dBμV	dBμV	dBμV	dBμV
MAINS VOLTAGE	VAC	VAC	VAC	VAC
MAINS CONSUMPTION	W	W	W	W
NOISE FIGURE	dB	dB	dB	dB
CONNECTION	"F" Connectors			
AUTOMATIC	VHF/UHF (15V/80mA standard) (12V/80mA dispon./available)			
DC PARA PRÉ - AMPL	(15VDC LNB)			
DIMENSION	mm	mm	mm	mm

* DIN 45004B, IMD3 = -60dB, 3P

** EN 50083-3, IMD3 = -60dB, 2P

*** EN 50083-3, IMD3 = -35dB, 2P

Range: AM-8800



NEW

OPTION



READY



119
123
dBμV



NEW - With 2 SAT Inputs / 2 Output

REF.	AM-8800	AM-8801
INPUTS/OUTPUTS	3 SAT1 SAT2 MATV	2 MATV/SAT1 SAT2
BAND RANGE	MHz 88-790 950-2150	
GAIN	dB MATV: 40 SAT: 38	
ADJUST GAIN RANGE	dB Aten/reg VHF/UHF 0/20 Tilt/pente 0/15	
MAX OUTPUT LEVEL	dBμV MATV-119* SAT-123**	
MAINS VOLTAGE	VAC 85 ~ 264 / 50-60Hz	
MAINS CONSUMPTION	W 19	
NOISE FIGURE	dB MATV: 5 SAT: 7	
OUTPUTS	3 MATV / SAT1 MATV / SAT2 Test (-30dB)	
RETURN PATH	MHz 5-65	
CONNECTION	"F" Connectors	
DIMENSION	mm 190X140X50	

*DIN 45004B, IMD3= -60dB, 3P

**EN 50083-3, IMD3= -60dB, 2P



190x140x50mm

Range: AM-9001



PROG-AM9000



With
Programmer
external

94x65x25mm



REF.	AM-9001		
INPUTS / OUTPUTS	VHF/UHF	4 3xUHF (470...790MHz) / 1 + 1 Test 1xFM/BIII/DAB (88...240MHz)	
PROGRAMMABLE CLUSTERS		6	
CHANNELS PER CLUSTERS		1...6 (8...48MHz)	
CLUSTERS CONFIGURATION		UHF1	UHF2 UHF3
		6	0 0
		5	0 1
		4	0 2
		4	1 1
		3	0 3
		3	2 1
		2	2 2
INPUT ATTENUATOR	VHF/UHF	0 - 20	
CLUSTER GAIN ADJUSTER	dB	0 - 30	
OUTPUT ATTENUATOR	UHF	0 - 20	
MAX OUTPUT LEVEL	dBμV	FM/BIII/DAB: 116	
	DIN 45004B, IMD3= -60dB, 3P	UHF: 119	
GAIN	dB	FM/BIII/DAB: 45	
		UHF: 50	
NOISE FIGURE	dB	FM/BIII/DAB: <4,5	
		UHF: <6	
CLUSTER SELECTIVITY	+/- 10MHz	12	
RETURN LOSS	IN / OUT	>12	
CC THROUGH		VHF/UHF - 0V/12V/24V/80mA (Configurable)	
POWER SUPPLY		12V / 3A	External Adapter

NEW

OPTION



READY



Automatic
regulation
of output signal
UHF / 105dBμV

Automatic level
control of
UHF input
signals

Programmable
attenuators