TERRA

System accessories
Splitband amplifiers

- for amplification signals of SAT IF and terrestrial TV bands
- possibility of DC and DiSEqC signals pass
- built-in separate gain regulators for every band
- die-cast housing inside plastic case

HSA001
SAT IF amplifier with active terrestrial TV path, without return path

HSA001R3
SAT IF amplifier with active terrestrial TV path, with 30 MHz passive return path

HSA001R6
SAT IF amplifier with active terrestrial TV path, with 65 MHz passive return path

CABRIOLINE



Technical specifications

TYPE		HSA001	HSA001R3	HSA001R6
Ordering number		01786	01787	01788
Forward path				
Frequency range	SAT IF	950- 2400 MHz		
	Terr. TV	47-862 MHz		87-862 MHz
Gain	SAT IF	18-25 dB (pre-correction)		
	Terr. TV	14-18 dB (pre-correction)		
Gain adjustment	SAT IF	10 dB		
	Terr. TV	15 dB		
Input and output return loss	SAT IF	≥ 10 up to 1750 MHz, 1750-2400 MHz linear decrease from 10 dB up to 7 dB		
	Terr. TV	≥ 10 dB		
Maximal output level IMD3=35 dB (EN50083-3)	SAT IF	115 dBμV (2 egual carriers)		
Maximal output level IMD3=60 dB (DIN45004B)	Terr. TV	110 dBμV		
DC pass		400 mA max.		
Return path				
Frequency range		-	5 - 30 MHz	5-65 MHz
Loss		-	4 dB	
Return loss		-	>14 dB	
General				
Mains power consumption		230 V~ 50/60 Hz 4 W		
Temperature range		-20° ÷ +50° C		
Dimensions		133x73x39 mm/0.36 kg		

