

HIGH-POWER COMPACT BROADBAND AMPLIFIERS

CA 483 · CA 444 · CA 444 SAT



- ✓ Suitable for terrestrial signal amplification (CA 483 y CA 444), or terrestrial and satellite (CA 444 SAT) in medium and large installations
- ✓ Very high output level. No intermodulation
- ✓ Independent gain control for each input
- ✓ Remote power supply for pre-amplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Grounding connection
- ✓ Class A



CA 483



CA 444

TECHNICAL TABLE

REFERENCE		CA 483			CA 444				CA 444 SAT					
Code		062012			062013				062014					
Inputs		FM	BIII-DAB	UHF	FM	BIII-DAB	UHF1	UHF2	FM	BIII-DAB	UHF1	UHF2	SAT	
Frequency Range	MHz	88-108	170-250	470-694	88-108	170-250	470-694	470-694	88-108	170-250	470-694	470-694	950-2250	
Gain	dB	30	35	48	30	35	44	44	30	35	44	44	40	
Regulation	dB	0 - 18			0 - 18				0 - 18					0-15
Output level DIN 45004B	dBμV	124			124				123					-
Output level (EN50083-3 IMD -35dB)	dBμV	-			-				-					120
Return loss	dB	>10			>10				>10					
Noise figure	dB	6			9,5				9,5					
Test output	dB	-30			-30				-30					
Mains voltage	Vac	100-240			100-240				100-240					
Switchable DC Pass 12/24V	mA	-	-	100	-	-	100*	100*	-	-	100*	100*		
Power consumption	W	<6			<8,5				<9,5					

- Specifications and design are subject to change without notice

- This product complies with CE marking requirements. Declaration of conformity is available on the website www.ek.plus