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**2024**  
VERSION

# HIGH-POWER COMPACT BROADBAND AMPLIFIERS



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# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 422 L2

REFERENCE	CA 422 L2		
Code	062007		
Inputs	VHF	UHF	
Frequency Range	MHz	47 - 230	470 - 694
Gain	dB	30	42
Regulation	dB	20	20
Output level (DIN45004B)	dBμV	115	117
Return loss	dB	>10	
Noise figure	dB	6	
Switchable DC Pass 0/12Vdc	mA	-	100
Power supply LNB 13Vdc (static)	mA	-	-
TEST output	dB	-30	
Mains voltage	Vac	230 ±10%	
Central consumption	W	<6	

- ✓ Suitable for terrestrial signal amplification (CA 422 L2, CA 383 L2), or terrestrial and satellite (CA 402 L2 SAT) in medium and large installations
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ Class A

Lte2



# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 383 L2

REFERENCE	CA 383 L2			
Code	062006			
Inputs	VHF	UHF	UHF	
Frequency Range	MHz	47 - 230	470 - 694	470 - 694
Gain	dB	30	38	38
Regulation	dB	20	20	20
Output level (DIN45004B)	dB $\mu$ V	115	117	117
Return loss	dB	>10		
Noise figure	dB	9,5		
Switchable DC Pass 0/12Vdc	mA	-	100	100
Power supply LNB 13Vdc (static)	mA	-	-	-
TEST output	dB	-30		
Mains voltage	Vac	230 $\pm$ 10%		
Central consumption	W	<8,5		

- ✓ Suitable for terrestrial signal amplification (CA 422 L2, CA 383 L2), or terrestrial and satellite (CA 402 L2 SAT) in medium and large installations
- ✓ Independent gain control VHF/UHF (CA 383 L2)
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ Class A

Lte2



# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 402 L2 SAT

REFERENCE	CA 402 L2 SAT			
Code	062008			
Inputs	VHF	UHF	SAT	
Frequency Range	MHz	47 - 230	470 - 694	950 - 2150
Gain	dB	30	40	34-40
Regulation	dB	20	20	20
Output level (DIN45004B)	dB $\mu$ V	114	116	119
Return loss	dB	>10		>6
Noise figure	dB	7		9
Switchable DC Pass 0/12Vdc	mA	-	100	-
Power supply LNB 13Vdc (static)	mA	-	-	300
TEST output	dB	-30		
Mains voltage	Vac	230 $\pm$ 10%		
Central consumption	W	<9,8		

- ✓ Suitable for amplification of terrestrial signals in medium and large collective installations
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ A Class



# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 403

REFERENCE		CA 403		
Code		062009		
Inputs		FM	BIII-DAB	UHF
Frequency Range	MHz	88-108	170-250	470-694/ 790
Gain	dB	24	33	40
Regulation	dB	0 - 18		
Output level (DIN45004B)	dBμV	120		
Return loss	dB	>10		
Noise figure	dB	6		
TEST output	dB	-30		
Power supply	Vac	100-240		
Switchable DC Pass 0/12Vdc	mA	-	-	150
Central consumption	W	<6		

- ✓ Suitable for amplification of terrestrial signals in medium and large collective installations
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ A Class



# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 374

REFERENCE	CA 374				
Code	062010				
Inputs	FM	BIII-DAB	UHF1	UHF2	
Frequency Range	MHz	88-108	170-250	470-694/790	470-694/790
Gain	dB	24	33	37	37
Regulation	dB	0 - 18			
Output level (DIN45004B)	dBμV	120			
Return loss	dB	>10			
Noise figure	dB	9,5			
TEST output	dB	-30			
Power supply	Vac	100-240			
Switchable DC Pass 12V	mA	-	-	100	100
Central consumption	W	<7			

- ✓ Suitable for amplification of terrestrial signals in medium and large collective installations
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ A Class

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# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 483

REFERENCE	CA 483			
Code	062012			
Inputs	FM	BIII-DAB	UHF	
Frequency Range	MHz	88-108	170-250	470-694
Gain	dB	30	35	48
Regulation	dB	0 - 18		
Output level DIN 45004B	dBµV	124		
Return loss	dB	>10		
Noise figure	dB	6		
Test output	dB	-30		
Mains voltage	Vac	100-240		
Switchable DC Pass 12/24V	mA	-	-	100
Power consumption	W	<6		

- ✓ 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

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CA 483

# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 444

REFERENCE	CA 444				
Code	062013				
Inputs	FM	BIII-DAB	UHF1	UHF2	
Frequency Range	MHz	88-108	170-250	470-694	470-694
Gain	dB	30	35	44	44
Regulation	dB	0 - 18			
Output level DIN 45004B	dB $\mu$ V	124			
Return loss	dB	>10			
Noise figure	dB	9,5			
Test output	dB	-30			
Mains voltage	Vac	100-240			
Switchable DC Pass 12/24V	mA	-	-	100*	100*
Power consumption	W	<8,5			

- ✓ Suitable for amplification of terrestrial signals in medium and large collective installations
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ A Class



CA 444



# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 374 SAT

REFERENCE	CA 374 SAT					
Code	062011					
Inputs	FM	BIII-DAB	UHF1	UHF2	SAT	
Frequency Range	MHz	88-108	170-250	470-694/790	470-694/790	950-2250
Gain	dB	24	33	37	37	40
Regulation	dB	0 - 18				0-15
Output level (DIN45004B)	dBμV	120				
Return loss	dB	>10				
Noise figure	dB	9,5				
TEST output	dB	-30				
Power supply	Vac	100-240				
Switchable DC Pass 0/12Vdc	mA	-	-	100	100	
Central consumption	W	<7,5				

- ✓ Suitable for terrestrial signal amplification (CA 403 and CA 374), or terrestrial and satellite (CA 374 SAT) in medium and large installations
- ✓ Independent regulation by entry
- ✓ Tele-power for preamplifiers
- ✓ High efficiency power supply
- ✓ Test output (-30dB)
- ✓ Compact size
- ✓ Ground connection point
- ✓ A Class

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CA 374 SAT

# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

## CA 444 SAT

REFERENCE	CA 444 SAT					
Code	062014					
Inputs	FM	BIII-DAB	UHF1	UHF2	SAT	
Frequency Range	MHz	88-108	170-250	470-694	470-694	950-2250
Gain	dB	30	35	44	44	40
Regulation	dB	0 - 18				0-15
Output level DIN 45004B	dB $\mu$ V	124				
Return loss	dB	>10				
Noise figure	dB	9,5				
Test output	dB	-30				
Mains voltage	Vac	100-240				
Switchable DC Pass 12/24V	mA	-	-	100*	100*	
Power consumption	W	<9,5				

- ✓ 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

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CA 444 SAT

# HIGH-POWER COMPACT BROADBAND AMPLIFIERS

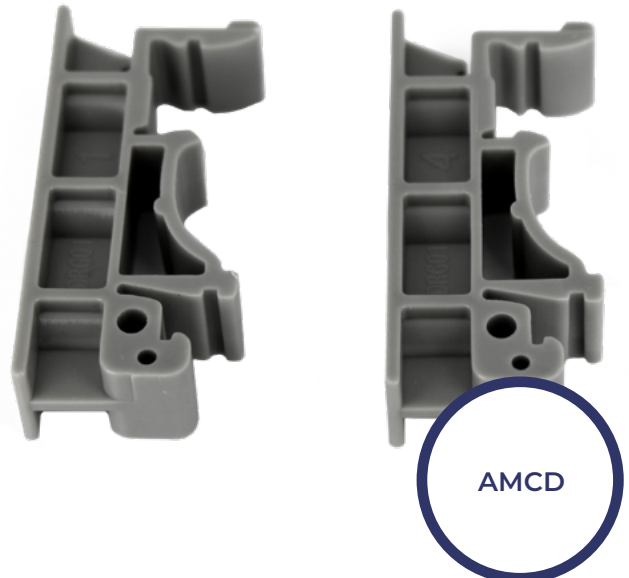
## AMCD

- √ DIN rail fixing accessory
- √ Posibilidad de uso en diferentes productos Ek

REFERENCE	AMCD
Code	059001
Description	DIN rail fixing accessory
Compatible Products	Power supplies QuiCoax/ wide-band amplifiers / programmable amplifiers EKSEL/ Micro Indoor Amplifiers QuiCoax / Passive QuiCoax / MD modulators



CA 444 installed on an AMCD





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**ITS Partner O.B.S. S.L**

Av. Cerdanyola 79-81 Local C  
08172 Sant Cugat del Vallès  
Barcelona (España)  
Tel: +34 93 583 95 43  
info@ek.plus