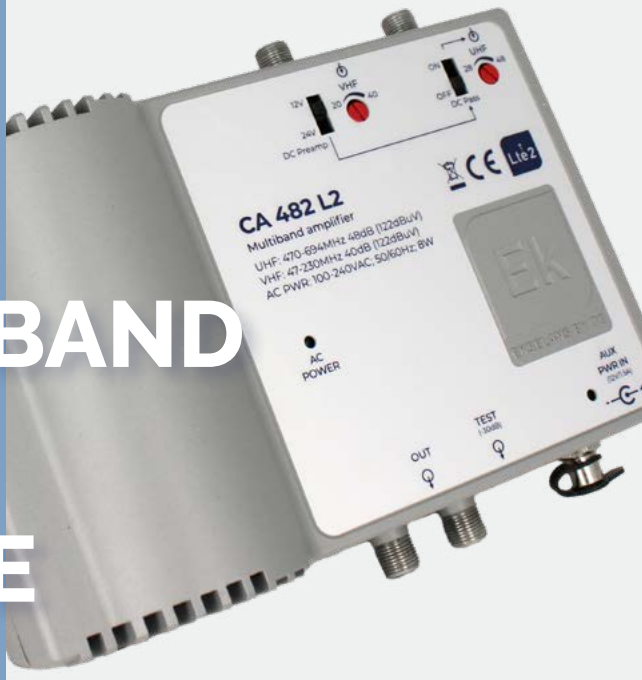
EKSELANS BY ITS

2025 VERSION

HIGH-POWER COMPACT BROADBAND AMPLIFIERS AND HIGH-POWER LINE AMPLIFIERS



ENTER THE EK WORLD

HIGH-POWER COMPACT BROADBAND AMPLIFIERS

CA 482 L2

REFERENCE		CA 482 L2	
Code		063004	
Inputs		VHF	UHF
Frequency range	MHz	47-232	470-694
Gain	dB	40	48
Adjustment	dB	20	
Output level	dBµV	122	
Return loss	dB	> 12	
Noise figure	dB	< 5	
Current pass-through 0/12V DC	mA	100	
LNB power supply voltage	V	-	
TEST output	dB	-30	
Power supply	Vac	100-240	
Power consumption	W	8	
Auxiliary power supply	Vdc	12	

- √ Suitable for amplification of terrestrial signals in medium and large collective installations
- √ Independent regulation by entry
- √ Tele-power for preamplifiers
- √ High efficiency power supply
- √ With input for a redundant power source
- √ Test output (-30dB)
- √ High level of output
- √ Ground connection point
- √ Enhanced zamak housing

HIGH-POWER COMPACT BROADBAND AMPLIFIERS

CA 453 L2

REFERENCE		CA 453 L2		
Code		063006		
Inputs		VHF	UHF	UHF
Frequency range	MHz	47-232	470-694	470-694
Gain	dB	40	45	45
Adjustment	dB	20		
Output level	dBµV	122		
Return loss	dB	> 12		
Noise figure	dB	< 7		
Current pass-through 0/12V DC	mA	100		
LNB power supply voltage	V	-		
TEST output	dB	-30		
Power supply	Vac	100-240		
Power consumption	W	10		
Auxiliary power supply	Vdc	12		

- √ Suitable for amplification of terrestrial signals in medium and large collective installations
- √ Independent regulation by entry
- √ Tele-power for preamplifiers
- √ High efficiency power supply
- √ With input for a redundant power source
- √ Test output (-30dB)
- √ High level of output
- √ Ground connection point
- √ Enhanced zamak housing

OPTIONAL REDUNDANT POWER SUPPLY

2.1mm Jack connector for redundant power supply

HIGH-POWER COMPACT BROADBAND AMPLIFIERS

CA 455 L2 SAT

- √ Suitable for amplification of terrestrial signals in medium and large collective installations
- √ Independent regulation by entry
- √ Tele-power for preamplifiers
- √ High efficiency power supply
- √ With input for a redundant power source
- √ Test output (-30dB)
- √ High level of output
- √ Ground connection point
- √ Enhanced zamak housing

REFERENCE		CA 455 L2 SAT				
Code		063008				
Inputs		FM	BIII-DAB	UHF1	UHF2	SAT
Frequency range	MHz	88-108	174-232	470-694	470-694	950-2150
Gain	dB	38	40	45	45	45
Adjustment	dB	20				15
Output level	dBµV	122 (DIN 45004B)				120 (2x -35dB)
Return loss	dB	> 12				> 8
Noise figure	dB	< 7				< 8
Current pass-through 0/12V DC	mA	100				-
LNB power supply voltage	V	-				13
TEST output	dB	-30				
Power supply	Vac	100-240				
Power consumption	W	15				
Auxiliary power supply	Vdc	12				

OPTIONAL REDUNDANT POWER SUPPLY

2.1mm Jack connector for redundant power supply

HIGH-POWER LINE AMPLIFIERS

AL 362 ICT

- √ Excellent output level reducing intermodulation effects
- √ Independent gain and slope adjustment per input
- √ Input for redundant power supply
- √ Test output (-30 dB)
- √ Enhanced zamak housing

REFERENCE		AL 362 ICT	
Code		102021	
Inputs		TER	SAT A / SAT B
Frequency range	MHz	47-694	950-2150
Gain	dB	35	40
Adjustment	dB	20	15
Slope		12	8
Output level	dBµV	117 (DIN45004B)	120 (IMD3 -35dB)
Return loss	dB	> 12	> 8
Noise figure	dB	< 8	< 7
TEST output	dB	-30	
Power supply	Vac	100-240	
Consumption	W	8	
Auxiliary power supply	Vdc	12	

HIGH-POWER LINE AMPLIFIERS

AL 401 TS

- √ Excellent output level reducing intermodulation effects
- √ Independent gain and slope adjustment per input
- √ Input for redundant power supply
- √ Test output (-30 dB)
- √ Enhanced zamak housing

REFERENCE		AL 401 TS	
Code		102022	
Inputs		TER	SAT
Frequency range	MHz	47-694	950-2150
Gain	dB	40	40
Adjustment	dB	20	15
Slope		12	8
Output level	dBµV	120 (DIN45004B)	120 (IMD3 -35dB)
Return loss	dB	> 12	> 12
Noise figure	dB	< 5	< 7
TEST output	dB	-30	
Power supply	Vac	100-240	
Consumption	W	8	
Auxiliary power supply	Vdc	12	

EKSELANS BY ITS

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cae GROUPE

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