903 MAST AMPLIFIERS

AMP UHF-UHF-DAB/FM 32 DB LTE700 24 VDC



Code : **9030207**

Model : **AM-396**

Description
Broadband amplifiers for masts, compatible with LTE800 and LTE700 mobile signals (UHF amplification in the 470-694 MHz band). They have three inputs to amplify and combine the signals from the antennas. They are fed through the coaxial cable from a power supply unit installed inside the building. They incorporate a switchable DC path, allowing power to be supplied to a preamplifier.

Applications
Individual digital and analogue terrestrial TV installations which are affected by the transmission of LTE mobile phone signals and which require high gain. They amplify and mix the signals from several antennas. The signal obtained can be distributed to a large number of TV outlets by means of a single coaxial cable.

Characteristics
Shielded zamak chassis, covered by a weather-resistant plastic casing. Easy to open and close, the chassis can be tilted to facilitate manipulation. It can be installed either on a mast, by means of a polyamide clamp, or on a wall. Resistant to sun and water (IP53). Greater insulation between inputs and outputs. F-type connectors for screwing or crimping.

Accessories
9030086 AL-100 +24 power supply unit. 9120039 CM-004 Male F connector for Ø6.6 mm coaxial. 9080023 MC-302 Male F connector for RG-6 coaxial, Ø7.0 mm. 9080030 MC-304 Male compression F connector for RG-6 coaxial Ø7.0 mm.

ALCAD

CÓDIGO-CODE-CODE		9030193	9030195			9030207			
MODELO-MODEL-MODELE		AM-195	AM-296			AM-396			
Número de entradas Number of inputs Nombre d'entrées		1	2			3			
Rango de frecuencia Frequency range Gamme de fréquences	Band	UHF	FM	DAB	UHF	FM	DAB	UHF	UHF2
	MHz	470-694	88-108	160-260	470-694	88-108	160-260	470-694	470-694
Ganancia Gain Gain	dB	32	20		32	20		32	
Regulación de ganancia Adjustable gain range Plage de réglage du gain	dB	16	20		16	20		16	
Nivel de salida Output level Niveau de sortie	dBµV	108 DIN 45004B 105 (IMD_3 -66 dB) 93 (IMD_2 -60 dB)							
Figura de ruido Noise figure Facteur de bruit	dB	3,5 ±1	5,0 ±1		3,5 ±1	5,0 ±1		6,0 ±1	
Rechazo entre entradas Rejection between inputs Rejection entre entrées	dB	≥30							
Alimentación Power supply Alimentation	V⎓	24							
	mA	30							
Paso de corriente DC path Passage d´alimentation	V⎓	24	-		24	-		24	
	mA	50	-		50	-		50	
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-20..+65							
Índice de protección Proteccion index Indice de protection		IP 33							