904 BROADBAND AMPLIFIERS

DIG PROG AMP 4XUHF/BIII-BI/FM W/REM. POW



Code : **9040258**

Model : **CAD-824**

Programmable terrestrial filter amplifier: 5 inputs, 1 output, 4xUHF/BIII, BI/FM, 32 filters, auto scan, AGC, configurable LTE700 rejection, 12-24 V remote power, output level 122 dBµV

		9040258	9040259
		CAD-824	CAD-834
TERRESTRIAL			
Number of inputs		4xUHF/BIII/DAB 1xFM/BI	4xUHF/BIII/DAB 1xFM/BI
Frequency range	MHz	UHF(470.. 694/862) BIII/DAB (170.. 240) FM/BI(40.. 108)	UHF(470.. 694/862) BIII/DAB (170.. 240) FM/BI(40.. 108)
Programmable filters		32	32
Number of channels per filter		1	1
Input level	dBµV	UHF/BIII/DAB 45 ... 95 (with remote power) UHF/BIII/DAB 35.. 95 (without remote power) FM/BI 40.. 100	UHF/BIII/DAB 45 ... 95 (with remote power) UHF/BIII/DAB 35.. 95 (without remote power) FM/BI 40.. 100
Remote power	Vdc	12/24	12/24
	mA	200 (max. 4 input)	200 (max. 4 input)
Selectivity	dB	40 @ 1MHz	40 @ 1MHz
Maximum gain	dB	UHF/BIII/DAB 80 FM/BI 30	UHF/BIII/DAB 80 FM/BI 30
Output level	dBµV	1x 120 (IM3 DIN45004b -60dBc) 95.. 115 ajustable	1x 120 /2x 117 (IM3 DIN45004b -60dBc) 95.. 115 ajustable
Gain adjustment	dB	UHF CAG (50) FM ajustable (30)	UHF CAG (50) FM ajustable (30)
Equalization margin	dB	UHF 0.. 10	UHF 0.. 10
Noise figure	dB	<6	<6
SATELITE			
Number of inputs		-	1
Frequency range	MHz	-	950.. 2150
Input level	dBµV	-	47.. 83
Maximum gain	dB	-	45
Output level	dBµV	-	118 (IMD3 a -35dB)
Gain adjustment	dB	-	ajustable (20)
Noise figure	dB	-	<7
LNB power supply	Vdc	-	0/13/18/Bypass
	mA	-	350
	KHz	-	0/22
GENERAL			
Mains voltage	Vac	90.. 264	90.. 264
	W	11	13
External voltage	Vdc	9	9
	A	1	1,2+LNB
Operating temperature	ºC	-10.. 60	-10.. 60
Dimensions	mm	215 x 218,4 x 45	215 x 218,4 x 45
Protection index		IP31	IP31