

Multiband amplifiers

MBJ Series

MBJ..

Multiband amplifiers to amplify and mix signals from several sources. Two versions, one 112/113dB μ V and the other 117dB μ V, to be used in small and medium networks. Metal housing, totally shielded, with plastic cover and F connectors. Compatible with DTT signals in COFDM modulation. Packaging 1 pc.



- Separate amplification for VHF and UHF bands
- All the adjustments are located under the cover to prevent unauthorised access
- Switch mode power supply, high efficiency and low consumption
- Remote power supply selectable on each input, 100mA max

Item	Code	Inputs No.	Inputs / Gain dB								Output level* VHF/UHF dB μ V	Noise figure VHF/UHF dB	Power cons. W
			VHF E2-S30	B. I+FM+C	B. I	B. III	B. IV	B. V	B. UHF	B. UHF			
MBJ2510	223301	1	-	-	-	21	25	25	-	-	109/113	4/8	5
MBJ2510/..⁽¹⁾	223302	1	-	-	-	21	25	25	-	-	109/113	4/8	5
MBJ2557 New	223300	5 ⁽²⁾	28	FM 28	-	-	-	-	26	26	110/117	4/8	5
MBJ2320	223334	2	24	-	-	-	-	-	24	-	109/112	5/6	5
MBJ2331	223303	3	-	-	21	-	-	-	23	23	109/112	4/8	5
MBJ2332	223305	3	-	-	21	-	26	24	-	-	109/112	4/8	5
MBJ2332/..⁽¹⁾	223306	3	-	-	21	-	26	24	-	-	109/112	4/8	5
MBJ2350	223308	5	-	-	21	19	22	22	22	-	109/112	4/8	5
MBJ2350/..⁽¹⁾	223309	5	-	-	21	19	22	22	22	-	109/112	4/8	5
MBJ2356	223313	5	-	21	-	19	22	22	22	-	109/112	4/8	5
MBJ2356/..⁽¹⁾	223314	5	-	21	-	19	22	22	22	-	109/112	4/8	5
MBJ2620	223335	2	30	-	-	-	-	-	30	-	109/114	4.5/5.5	5
MBJ2640	223336	4(2 out)	-	25	-	25	-	-	30	30	106/110	4/8	5
MBJ2650	223316	5	-	-	30	30	30	30	30	-	109/114	4/8	5
MBJ2650/..⁽¹⁾	223319	5	-	-	30	30	30	30	30	-	109/114	4/8	5
MBJ3610. New	223339	1	-	-	-	33	-	-	33	-	110/117	4/6	7
MBJ3620	223333	2	35	-	-	-	-	-	35	-	110/117	4/6	7
MBJ3631	223322	3	-	-	33	-	-	-	33	33	110/117	4/8	7
MBJ3650	223324	5	-	-	33	33	33	33	34	-	110/117	4/8	7
MBJ3650/..⁽¹⁾	223325	5	-	-	33	33	33	33	34	-	110/117	4/8	7
MBJ3656	223328	5	-	33	-	31	31	32	32	-	110/117	4/8	7
MBJ3656/..⁽¹⁾	223329	5	-	33	-	31	31	32	32	-	110/117	4/8	7

General features

Remote power	VDC	12, 100mA total, available on any input
Gain adjustment	dB	0 to 20 on every input
Mains voltage	Vac, Hz	220-240, 50-60
Connectors		F female
Dimensions (LxHxW)	mm	127x58x128
Operating temperature	°C	-10 to 55

⁽¹⁾ Models with suffix /.. are tuned specially, the last channel of band IV and the first channel of band V must be specified on order (e.g. MBJ3650/38-40)

⁽²⁾ Also available SAT input: gain 33-38dB (sloped)

• In the standard models without suffix, band IV includes channels E21-E35 and band V includes channels E39-E69

* For exclusively DTT distributions the output level can be increased by 7dB (i.e. 108 analogue --> 115 digital).