



FA42NN(ECO)

FA52NN

FA82NN

FA68NN

FA83NN

Comment:

- ☐ Separate inputs for the bands FM, VHF I, VHF III and UHF IV/V
- ☐ One output
- ☐ Meets the prenorm DIN V VDE 0855
- ☐ Shielding rate
- Up to 470 MHz ≥ 75 dB
- 470 to 862 MHz ≥ 65 dB
- ☐ Blue plastic brackets on front and rear side for wall mounting using the four screws supplied.
- Mount at a protected spot as near as possible to the mast on a flat surface.

KLASSE **A**
CLASS



Technical data:

Type-No.		FA42NN			FA52NN / FA82NN*				FA68NN / FA83NN*				
Input		1	2	3	1	2	3	4	1	2	3	4	
Frequency ranges	MHz	VHF I	VHF III	UHF	FM	VHF I	VHF III	UHF	FM	VHF I	VHF III	UHF	
		47	174	470	87	47	174	470	87	47	174	470	
		68	230	862	108	68	230	862	108	68	230	862	
Channels	dB	2-4	5-12	21-69	FM	2-4	5-12	21-69	FM	2-4	5-12	21-69	
Gain value	dB	20	20	20	18	18	18	21	28	28	28	30	
adjustment		0			0/-18	0/-18	0/-18	0/-18	0/-18	0/-18	0/-18	0/-18	
Max output (60 dB IMA) ¹	dB μ v	110 (66 dB IMA)				114 (60 dB IMA)				114 (60 dB IMA)			
Noise figure	dB	< 7				< 7				< 7			
Main operation	V-AC	230				230				230			
Power consumption	w	3.8				3.8				3.8			
Admissible ambient temperature ²		0 to + 50°C accord. To DIN VDE 0860/IEC 65											

1) According to DIN V VDE 0855, part 10 for 60 dB IMA (distortions of 2nd order) accord. to DIN 45 004 A1.
The maximum admissible operating level is the lower value of 1.

2) The ability of function is kept in an ambient temperature range from - 20°C to +60°C.

You have purchased a high - quality technical device - to ensure the correct and safe function of the device from the start, please observe the following safety instructions:

Earth connection / equipotential bonding:

Δ It is necessary to directly earth the amplifier; this is achieved using the equipotential bonding bolt on the housing using a mechanically robust earth conductor (min. cross- section 4mm²).