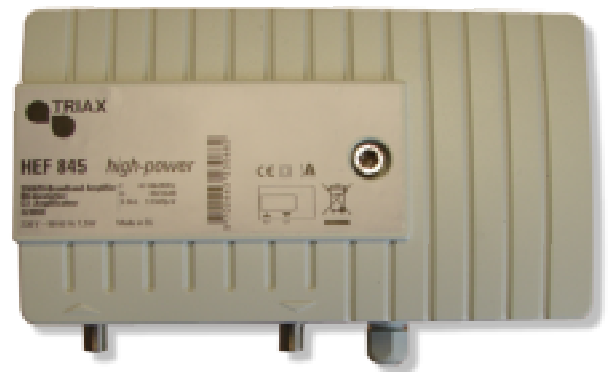
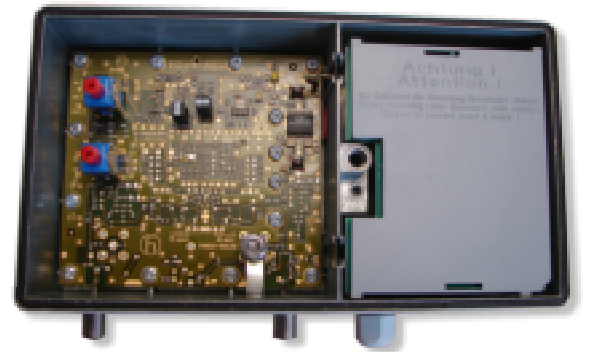


# Distribution Amplifiers

Reliable, Flexible and Cost Efficient for various installations

**HEF Amplifiers - Reliable, flexible and cost-efficient for multi-dwelling houses**

TYPE		HEF 845
PART NO.		323068
Frequency range		40-862
selected: VHF I "on", RP "off"	MHz	
selected: VHF I "off", RP "on"	MHz	
Gain forward		
Gain @ 862 MHz	dB	36
Attenuator at input (2 dB steps)	dB	0-20 (pot)
Attenuator elements interstage	dB	0/6
Gain return path		
Gain @ 60 MHz	dB	
Attenuator elements at input	dB	
Attenuator elements at output	dB	
Amplitude response forward		
40...862 MHz (VHF I: on)	dB	
Line equalizer at input	dB	0-18 (pot)
Line equalizer (2...3 dB steps)	dB	
Slope interstage	dB	0/7
Amplitude response return path 5...60 MHz	dB	
Equalizer element interstage	dB	
Random noise		
Forward (VHF I „on“)	dB	5.0
Return path (VHF I „off“)	dB	
Return loss @ 40 MHz, -1.5 dB/octave	dB	> 14
Output level forward		
IMR2/ IMR3 ≥ 60 dB	dBμV	114/123
CSO ≥ 60 dB, 42 ch. Slope 0/7 dB	dBμV	109/111
CTB ≥ 60 dB, 42 ch. Slope 0/7 dB	dBμV	108/110
Output level return path		
IMR2/ IMR3 ≥ 60 dB	dBμV	
RF connectors (75 Ohm)		
Input		F-female
Output		F-female
Test point input: bi-directional	dB	
Test point output: directional	dB	-20 (bi-dir)
Operating conditions		
Max. RF level (EMC)	dBμV	113
Supply voltage	V	180-253
Power consumption	W	6.5
Operating temperature	°C	-25...+55
Protection class		II, Protective
Housing protection degree	IP	65
Dimensions W x H x D	mm	190 x 110 x 80
Weight	kg	2
Packing unit		1 pcs. carton box
Reference standards		
Product standards/safety/EMC	EN 50083-3 - Class 2 / EN 50083-1; EN 60065 / EN 50083-2	
RoHS 2002/95/EG compliant		Yes



**TRIAX - your ultimate connection**

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