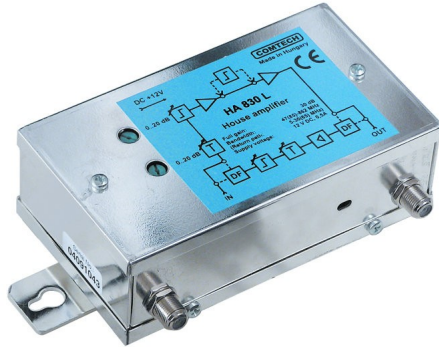


HA8xxL COMPACT MINI HOUSE AMPLIFIER



- Aluminium-laminated construction
- Low power consumption
- Transistorised driver- and PP output stage
- Level and TILT regulation by potentiometer
- Plug-in interstage equalizer
- 862/606MHz frequency range
- Combined return path module option (plug-in)
- Switching power supply adaptor

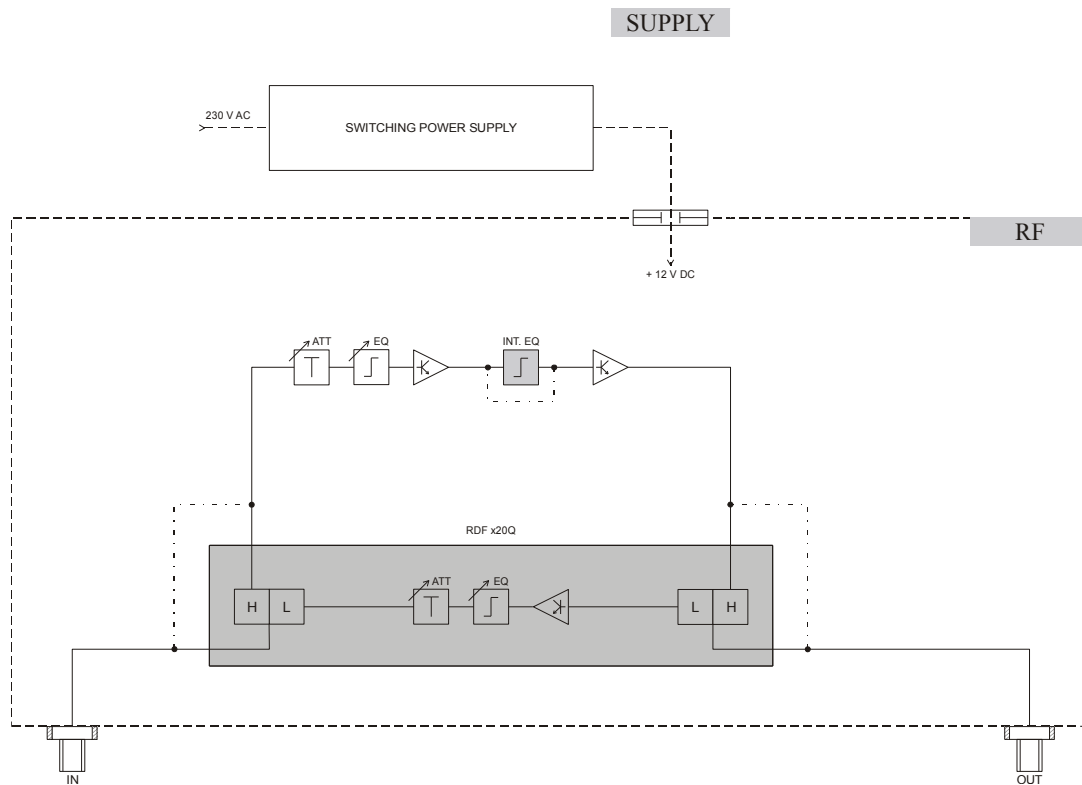
TECHNICAL SPECIFICATIONS

RF parameters	HA815L	HA820L	HA830L
Amplifier type		PP transistor	
Forward path gain [dB]	15±1	20±1	30±1
Forward path bandwidth [MHz]		862/606	
Return path bandwidth [MHz]		30/47, 65/85	
Flatness [dB]		±1	
Maximum output level (IMA III. B-60dB) [dBμV]		116	
Maximum output level (IMA II. B-60dB) [dBμV]		119	
Manual level setup [dB]		0-20	
Manual TILT setup [dB]		0-20	
TILT breakpoint frequency [MHz]		606, 862	
Noise figure [dB]		5	
Return loss (40MHz -1.5dB/octave) [dB]		14	
Return path gain [dB]		20	
Return path maximum output level (IMA III. B-60dB) [dBμV]		118	
Return path level setup [dB]		0-18	
Return path TILT setup [dB]		0-12	
TILT breakpoint frequency [MHz]		30, 65	
Connecting impedance [Ω]		75	
Screening factor [dB]		75	
General parameters			
Maximum power consumption [W]	4.7 (passive), 6.5 (active) return path		
Power supply voltage (amplifier) [VDC]		12	
Power supply voltage (adaptor) [VAC]		🔌 230 ±20%, 50Hz	
Class of enclosure		-	
Degree of protection		IP 30	

Specifications are subject to change without notice!

Temperature range [°C]	-30...+60
Connector type	„F”
Dimensions [mm]	165x80x42
Weight [kg]	0.5

BLOCK DIAGRAM



ORDERING INFORMATION

H A 8 X X L



Forward path gain	
15	15dB
20	20dB
30	30dB

Options

Required modules

Return path option

1pc RDFx20Q

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