

HOUSE AMPLIFIER PROFI-LINE LHE 1032 P / 1040 P

- 1 GHz bandwidth
- MultiGainTech 40/32 dB
- JXP PADS for level and slope adjustment
- Reliable adjustment of all values over lifetime
- Cable simulator on input
- Extreme low distortion and noise on return path
- Input / Output horizontal or vertical assembly
- Excellent linearity up to 1 GHz
- Alu die-cast housing IP 54
- Vodafone certified



PAD



Type		LHE 1032 P	LHE 1040 P
Item No.		57003568	57003569
Downstream	Frequency range	MHz 85-1006 (Duplexer on board)	
	Gain	32	32/40, switchable
	Linearity	dB ± 0.5	
	Cable simulation	dB *3	
	Attenuation	dB 0,1,2,3...20, pluggable JXP PADS	
	Slope	dB 0,1,2,3...20, pluggable JXP-PADS	
	Interstage-slope	dB 0 / 7 / 10	
	Interstage attenuation	dB 0,1,2,3...10 with PADS	
	Return loss Input / Output	dB 18 -1.5 dB, Octave, Reference 47 MHz	
	Noise	dB ≤ 5	
	Output level CENELEC*1	dBμV 111 / 113	
	Output level digital*2	dBμV ≥ 106	
Upstream	Frequency range	MHz 5-65	
	Gain	dB 22/32, switchable	
	Linearity	dB ± 0.5	
	Attenuation input	dB 0,1,2,3...20, pluggable JXP-PADS	
	Slope	dB 0,1,2,3...20, pluggable JXP-PADS	
	Attenuation output	dB 0,1,2,3...20, pluggable JXP-PADS	
	Return loss Input / Output	dB 18, 5-65 MHz	
	Noise	dB ≤ 5	
Max. Output level for BER 10 ⁻⁹ 7 Ch 64 QAM, 7 carrier, 5.12 MSymb/s	dBμV	≥ 115	
Power supply	V~	200 - 240	
Power consumption	W	11.7 max. incl. active return path	13 max. incl. active return path
Connector		F-connector included	
Dimensions / weight	mm / kg	207 x 150 x 80 / 1.6	

*1 CENELEC : CTB,CSO > 60 dB, flat

*2 Digital: EN 60728-3, 112 CH, 114-1006 MHz, flat

*3 Cable Simulation Pads on page 43 and 47

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