

LINE EXTENDER-/ DISTRIBUTION-AMPLIFIER LHE 1040 RP

- 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 65, strand mount possible
- Vodafone certified



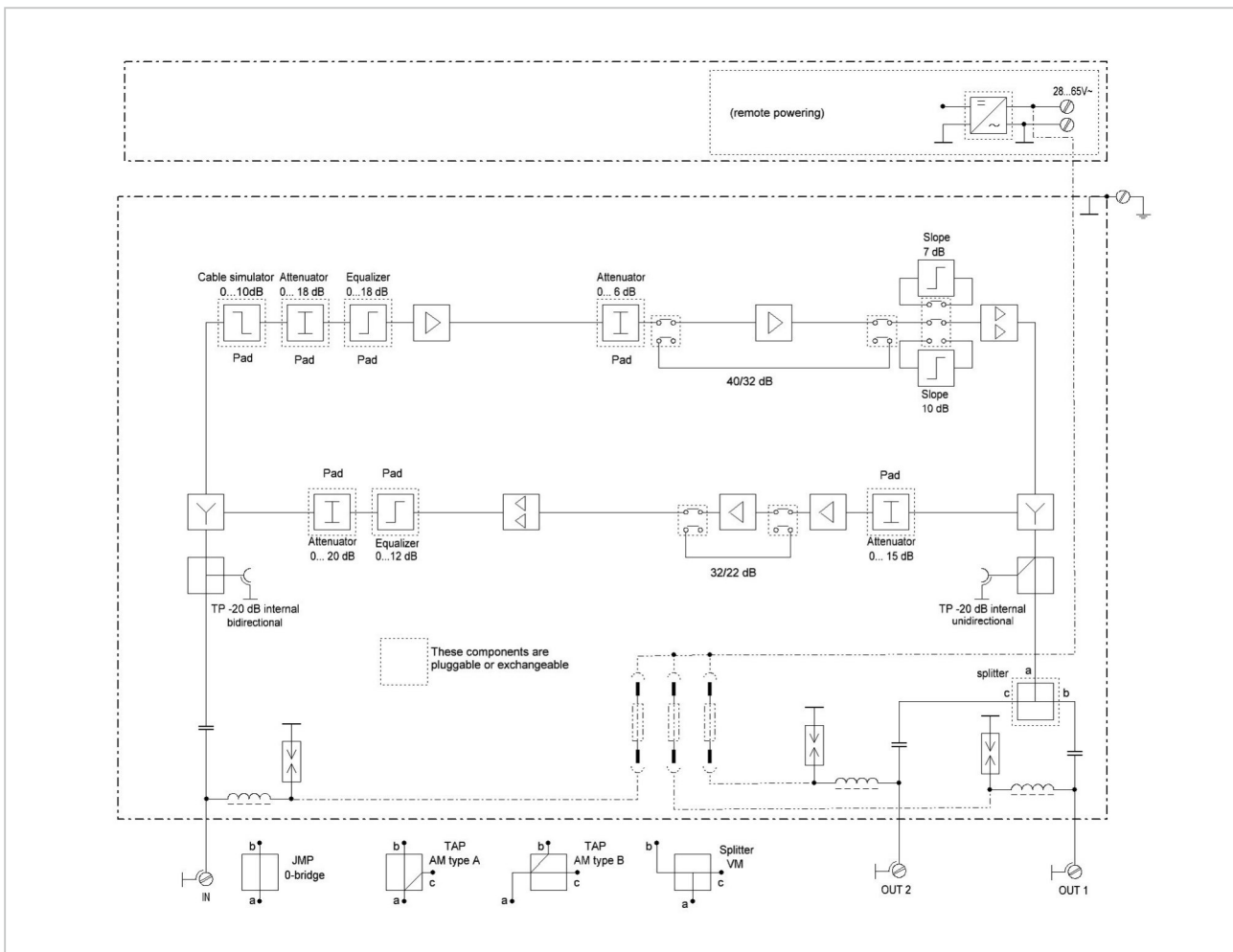
Type		LHE 1040 RP-65	LHE 1040 RP-85	LHE 1040 RP-20
Item No.		57003912	57004203	on request
Downstream	Frequency range (duplexer on board)	MHz	85-1006	105-1006
	Gain	dB		40
	Linearity	dB		± 0.5
	Cable simulation	dB		*3
	Attenuation	dB	0,1,2,3...20, pluggable JXP PADS	
	Slope	dB	0,1,2,3...20, pluggable 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	112 / 114	
Output level digital*2	dBμV	≥ 106		
Upstream	Frequency range	MHz	5-65	5-85
	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~	28 - 65		
Power consumption	W	13 max. incl. active return path		
Connector		3.5/12 adapters (other adapters on request)		
Dimensions / weight	mm / kg	225 x 195 x 95 / 1.8		

*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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OVERVIEW AMPLIFIER PLUG-IN MODULES 1.0 GHz

■ In the table hereafter the plug-ins for the following products are listed:
 ■ Amplifier: LHE, LHD

Type	Item No.	Description	LHE 1040 RP
VM 302	57002092	2-way splitter	■
AM 301-08 A	57003889	Tap 8 dB Line out	■
AM 301-08 B	57003760	Tap 8 dB Tap out	■
AM 301-10 A	57002093	Tap 10 dB Line out	■
AM 301-10 B	57002117	Tap 10 dB Tap out	■
AM 301-14 A	57003890	Tap 14 dB Line out	■
AM 301-14 B	57003763	Tap 14 dB Tap out	■