

LINE EXTENDER-/ DISTRIBUTION-AMPLIFIER LHE

- || 1 GHz Bandwidth
- || Interrupt free electronic adjustment, get it operable without additional accessories
- || 7-Segment display, simply to adjust
- || MultiGainTech 41/30 dB
- || New: Ingress control switch (ICS) on request, FSK managed
- || AGC module available
- || High output level - GaAs-FET technology
- || 2 outputs, IN/OUT connectors in vertical or horizontal position
- || Very low ripple up to 1 GHz
- || Compact alu-die cast housing acc. IP 65, strand mountable



Type		LHE 40-1	LHE 40-1R
Article-No.		5700 1626 (local powered)	5700 1627 (remote powered)
Downstream	Frequency range	MHz	85-1006 (duplexer on board)
	Gain	dB	41 / 30 dB switchable
	Linearity	dB	± 0,5
	Entzerrer	dB	0 ... 20, 1 dB steps adjustment, electrical
	0 point loss	dB	± 0,5, @ 1 GHz
	Interstage slope	dB	0/6, electronic switchable
	Attenuation	dB	0 ... 20, in 1 dB steps adjustment, electrical
	Interstage attn., slot UPP1/UPP2	dB	0,1,2, ... 20 with Pads in 1 dB steps
	Interstage slope, slot UPP1/UPP2	dB	3,6,9,12 with EZL/EZP
	Testpoint input	dB	-20 ± 1,5 dB, F-connector, internal
	Testpoint output	dB	-20 ± 0,75 dB, F-connector, internal
	Return loss In/Out	dB	-20 ± 1,5 dB/Octave, min. -12 dB @ 1 GHz
	Noise	dB	5, Tu ≤ 40° C
	Outputlevel 42 Ch, CENELEC, flat	dBμV	113, CSO > 60 dB
Outputlevel 42 Ch, CENELEC, flat	dBμV	112, CTB > 60 dB	
Upstream	Frequency range	MHz	5-65 (Duplexer on board)
	Gain passive /active	dB	-4 / 24 / 32
	Linearity	dB	± 0,5
	Slope (Output)	dB	0 ... 20, in 1 dB steps adjustment, electrical
	Attenuator (Output)	dB	0 ... 20, in 1 dB steps adjustment, electrical
	Input slot UPP3	dB	0,1,2, ... 20 with Pads in 1 dB steps
	Interstage attenuation	dB	0 / 8, by jumper
	Testpoint 5 - 65 MHz	dB	-20 ± 0,75 dB, F-connector, 2x internal
	Noise	dB	6, Tu ≤ 40° C
	Outputlevel 2 nd order, -60 dB	dBμV	108, DIN 45004A1
	Outputlevel 3 rd order, -60 dB	dBμV	116, DIN 45004B
OUT-BER @ 120 dBμV middle load 3 carrier 16 QAM	BER	1*10 ⁻⁶ (KDG 1TS140)	
Power supply	V~	185 - 265 local powered or 28-70 remote powered with 10 A power pass	
Power consumption	W	14, max. with active return way	
Dimension B x H x T	mm	225 x 180 x 95	
Connectors		PG 11 (delivery without connectors)	

