

DCT DELTA LHE 40

LINE EXTENDER-/ DISTRIBUTION-AMPLIFIER



- 1 GHz bandwidth
- Interrupt free electronic adjustment, basic settings without additional accessories
- 7-Segment display, simply to adjust by keypad
- MultiGainTech 41/30 dB
- AGC module available
- High output level by GaAs-FET
- Two outputs, input/output horizontal or vertical assembly
- LED indicator for operation status
- Alu die cast housing IP 65, strand mount possible

SPECIFICATIONS

DOWNSTREAM		LHE 40-1	LHE 40-1R
Item No.		57001626 (local power)	57001627 (remote power)
Frequency range	MHz	85-1006 (Diplexer on board)	
Gain	dB	40, to 30 dB switchable	
Linearity	dB	± 0.5	
Slope	dB	0 ... 20, 1 dB steps adjustable, electrical	
0 Point loss	dB	± 0.5 at 1 GHz	
Interstage slope	dB	0/6, switchable	
Attenuation	dB	0 ... 20, 1 dB adjustable, electrical	
Interstage Attn. Slot UPP1/UPP2	dB	0,1,2,...20 JXP-Pads for 1dB Step adjustment	
Interstage Slope, Slot UPP1/UPP2	dB	3,6,9,12 with EZL/EZP adjustment	
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 at 1 GHz	
Noise	dB	6,5 Tu ≤ 40° C	
Outputlevel 42 Ch, CENELEC, Flat	dBμV	110, CTB/CSO > 60 dB	
Outputlevel 42 Ch, CENELEC, 7dB Slope	dBμV	113, CTB/CSO > 60 dB	
UPSTREAM			
Frequency range	MHz	5-65 (Diplexer on board)	
Gain Passive / Active	dB	-4/24/32	
Linearity	dB	± 0.5	
Slope (Output)	dB	0 ... 20, 1 dB steps adjustable, electrical	
Attenuation (Output)	dB	0 ... 20, 1 dB steps adjustable, electrical	
Input Slot UPP3	dB	0,1,2,...20 JXP-Pads for 1dB steps adjustable	
Interstage Attenuation	dB	0/8, switchable by Jumper	
Testpoint 5-65 MHz	dB	-20 ± 0.75 dB, F connector, 2x internal	
Noise	dB	6, Tu ≤ 40° C	
Outputlevel 2nd Order, -60 dB	dBμV	108 DIN 45004A1	
Outputlevel 3rd Order, -60 dB	dBμV	116, DIN 45004B	
Outputlevel BER bei 120 dBμV			
Medium load three Carrier 16 QAM	BER	1*10 ⁻⁶ (KDG 1TS140)	
COMMON DATA			
Power supply	V ~ V ~	185-265 local pwr. or. 28-65 V remote pwr. 10 A feed through	
Power consumption	W	14.5 max. active return way	
Dimensions/Weight	mm/kg	225 x 180 x 95/1.8	
Connector		PG 11 thread (connectors not included)	

