

DCT DELTA LHE 41

HOUSE AMPLIFIER

- 1 GHz bandwidth
- MultiGainTech 40/32 dB
- JXP PADS for level and slope adjustment
- Reliable adjustment of all values over life time
- Cable simulator on input
- Extreme low distortion and noise on return way
- Input/Output horizontal or vertical assembly
- Excellent linearity up to 1 GHz
- Alu die cast housing IP 65, strand mount possible
- UPC - Unitymedia KBW certified



SPECIFICATIONS

DOWNSTREAM		LHE 41 P
Frequency range	MHz	85-1006 (Duplexer on board)
Gain	dB	32/40, switchable
Linearity	dB	± 0.5
Cable simulation	dB	0,1,2,3...10, pluggable JXP-PADS
Attenuation	dB	0,1,2,3...10, pluggable JXP-PADS
Slope	dB	0,1,2,3...10, pluggable JXP-PADS
0 Point loss	dB	± 0.5 at 1 GHz
Interstage Attenuation	dB	0,1,2,3...10 with PADS
Interstage Slope	dB	0/7/10 with PADS
Return loss Input/Output	dB	18 -1.5 dB, Octave, Reference 47 MHz
Noise	dB	6,5 Tu ≤ 40° C
Outputlevel 41 Ch, CENELEC, CSO/CTB > 60 dB 7dB Slope	dBμV	113/112, without K2
Outputlevel 95K, UM-ch grid, 7 dB Slope	dBμV	110, CTB/CSO > 60 dB; BER < 1*10 ⁻⁹
Operation Level 95 K, UM-ch grid, 7 dB Slope	dBμV	108
UPSTREAM		
Frequency range	MHz	5-65
Gain	dB	22/32, switchable
Linearity	dB	± 0.8
Slope	dB	0,1,2,3...15, pluggable JXP-PADS
Attenuation Input	dB	0,1,2,3...15, pluggable JXP-PADS
Attenuation Output	dB	0,1,2,3...15, pluggable JXP-PADS
Return loss Input/Output	dB	18, 5-65 MHz
Noise	dB	5, Tu ≤ 40° C
Outputlevel BER at 120 dBμV 64 QAM, 3 Carrier, 120 dBμV, UM	dBμV	< 1*10 ⁻⁸
COMMON DATA		
Power supply	V ~ V ~	185-265
Power consumption	W	max. 14.5 incl. Active return way
Dimensions/Weight	mm/kg	225 x 180 x 95/1.8
Connector		PG 11 / F connector included

