ASTRO HVO V40P

LOCAL BROADBAND AMPLIFIER

- High output level at high C / N through push pull
- Diplex filters and reverse amplifier on board
- 40/32 dB gain in anticipation
- 32/22 dB gain in the return path
- Interstage attenuation in the forward and return path switched signal paths are indicated by LEDs
- Measurement points in the input and output
- Configuration jumpers and pads

TYPE		HVO V 40 P
FORWARD PATH		
Frequency range	[MHz]	85-1006
Gain	[dB]	40 / 32 ± pluggable
Amplitude ripple	[dB]	± 0,7
Noise	[dB]	≤ 6,8 from 85 MHz and ≤ 6 from 108 MHz
Return loss	[dB]	18 and 40 MHz-1,5 dB/Oktave
Cable simulator input	[dB]	0-10, Pad, Deemphase
Attenuator pads input	[dB]	0-18, Pad
Interstage attenuation	[dB]	0 to 7, Pad
Input equalizer	[dB]	0-18, Pad, Preemphase
Interstage Slope	[dB]	0, 7 or 10, plugged with jumpers
Measurement points input / output	[dB]	Bi, 20 ± 2,5 / RK, 20 ± 1
Maximum output level acc. CENELEC 41 (EN 50083-3) acc. UM TR 406	[dBµV]	110, mwith 7 dB Interstage-Slope 111 110
RETURN PATH		
Frequency range	[MHz]	5-65, activated with slide switch
Gain	[dB]	32 / 22 ± pluggable
acc. UM TS 401		system load average
Noise	[dB]	≤ 4,5
Attenuator pads	[dB]	Input: 0-15, Pad; Output: 0-20, Pad
Output equalizer	[dB]	0-12, Pad
Measurement points	[dB]	RK, 20 ± 1 before the adjusting element; 20 ± 1 after the adjusting element
Maximum output level acc. EN 50083-3 IMA2 acc. EN 50083-5 KMA	[dBµV]	116 120
COMMON DATA		
UMKBW Certification		Trunk amplifier , operating in cascade
Input	[VA] / [W]	24 / 12,5

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