

Type		HVF V44 P		
Order number		217 399	217 405	217 406
EAN-Code 4026187....		171230	191368	191375
Connectors (75 Ω) at in- and output Fuses		PG-11m - F Glas fuse G5x20	PG-11m - 3,5/12 Glas fuse G5x20	PG-11m - IEC Glas fuse G5x20
Forward path				
Frequency range	[MHz]	5 - 65 / 85 - 1006 switchable		
Gain	[dB]	40 / 32 ± 1 (switchable)		
Ripple	[dB]	± 1		
Noise figure	[dB]	< 7 *		
Inverse equalizer at the input	[dB]	0 - 10, Pad		
Input attenuator	[dB]	0 - 20, Pad		
Interstage attenuator	[dB]	0 - 9 @ 40 dB Gain and 0 - 5 @ 30 dB Gain, Pad		
Input equalizer	[dB]	0 - 18, Pad		
Interstage Slope	[dB]	0, 7 or 10, pluggable		
Testpoints Input / Output	[dB]	Bi, 20 ± 2 / RK, 20 ± 1		
Maximum output level				
60 dB CSO/CTB (EN 80083-3)	[dBμV]	111**		
Return path				
Frequency range	[MHz]	5 - 65, activation via switch		
Gain	[dB]	29 / 26 ± 1 (switchable)		
Noise figure	[dB]	< 5 dB***		
Attenuator: Input / Output	[dB]	0 - 20, Pad / 0 - 20, Pad		
Output equalizer	[dB]	0 - 18, Pad; Preemphasis		
Testpoints	[dB]	Dir. coupler, 20 ± 1 (before control elements), Bi, 20 ± 1 (behind control elements)		
KDG Certification		D 4.4		
Maximum Output level				
IMA 2 (EN 50083-3)	[dBμV]	112		
KMA3 (EN 50083-5)		117		
Common data				
Return loss	[dB]	≥ 18 & @ 40 MHz -1,5 dB/Octave		
maximum remote current incl. power consumption	[A]	3 (through in- or output); 5 (through external power supply clamp)		
Power consumption maximal	[A]	0,8 / 24 V~; 0,45 / 40 V~; 0,28 / 65 V~		
Remote powering voltage	[V~]	24 - 65		
Power consumption maximal	[W]	13 with upstream; 11 without upstream		

* measured between 47-862 MHz resp. 87-1006 MHz

** please note output voltage degradation curve acc. operation manual

*** measured between 10-65 MHz