Type		HVB 22	HVB 31	HVB 32
Order number		217 369	217 352	217 353
EAN-Code		4026187210731	4026187195397	4026187195885
Forward Path				
Frequency Range	[MHz]		85 - 1006	
Gain	[dB]	25 ± 1	32 ± 1	33 ± 1
Noise Figure	[dB]	≤ 5,5*	≤ 3,5*	≤ 5,5*
Equalizer (Input)	[dB]		0 - 18 (level controller)	
Attenuation (Input)	[dB]		0 - 20 (level controller)	
Slope (Interstage)	[dB]		0 or 7 (pluggable)	
Testpoint at the output	[dB]		20 ± 1 (directional coupling)	
Maximum Output Level				
Accord. EN 60728-3, Draft, 112 Ch./8 MHz, 256 QAM, BER < 1E-9 Accord. KDG 1 TS 140 (Cenelec 41 Ch.)	[dBµV]	97 102	97 97	98 101
Return Path				
Frequency Range	[MHz]		5 - 65	
Gain	[dB]	19...22 ± 1	22...25 ± 1	24...27 ± 1
Slope (Interstage)	[dB]		3 (fixed)	
Noise Figure	[dB]	≤ 6,5**	≤ 6**	≤ 5,7**
Attenuation (Input)	[dB]		0 - 20 (level controller)	
Maximum Output Level				
Accord. KDG 1 TS 140 Accord. EN 60728-3, Draft, 6 Ch./8 MHz, 256 QAM, BER < 1E-9	[dBµV]		medium system load 111	
Common Data				
Power Consumption	[VA] / [W]	10 / 7,2	9,5 / 7	10 / 7,2
Impedance	[Ω]		75	
Return loss	[dB]		≥ 14 a. from 40 MHz - 1,5 / octave (at least 10)	
Connectors			F-jacks, 75 Ω	
EMC	[Ω]		accord. EN 50083 -2	
Supply Voltage	[V~/Hz]		230 / 50	
Ambient Temperature	[°C]		-15…+55	
Size (W x H x D)	[mm]		135 x 140 x 49 (including connectors)	
Weight	[kg]		0,8	
Mounting and operation heigth			< 3000 m over N.N.	
Protection Class			DIN EN 60 529-IP 20	
VFKD classification		B2.1/B.2.2	B3.1	B3.2

*) at 85 - 108 MHz with bandwidth conversion; **) measured at 10 MHz