

Type		HVC 32	HVC 42
Order number		217 354	217 355
Forward Path			
Frequency Range	[MHz]	85 - 1006	
Gain	[dB]	33 ± 1	40 ± 1
Noise Figure	[dB]	≤ 4,5*	≤ 5,7*
Equalizer	[dB]	at the input: 0 - 18 (level controller)	
Attenuation	[dB]	0 - 20 (level controller)	
Interstage Slope	[dB]	0 oder 7 (pluggable)	
Testpoints	[dB]	Input: 20 ± 2,5 (bidirectional) Output: 20 ± 1 (directional coupling)	
Maximum Output Level			
112 Ch./8 MHz, 256 QAM, BER < 1E-9 Accord. KDG 1 TS 140 (Cenelec 41 Ch.)	[dBμV]	97 101	98 102
Return Path			
Frequency Range	[MHz]	5 - 65	
Gain	[dB]	26 ± 1	30 ± 1
Slope (Interstage)	[dB]	0, 3, 6 or 9 (pluggable)	
Noise Figure	[dB]	≤ 6,5**	≤ 6**
Attenuation (Input)	[dB]	0 - 20 (Pegelsteller)	
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			
VFKD classification		C3.2	C4.2
Power Consumption	[VA] / [W]	10 / 7	10,5 / 7,8
Return loss	[dB]	≥ 18 u. ab 40 MHz - 1,5 / Oktave (mindestens 10)	
Connectors		F-Buchsen, 75 Ω	
EMC	[Ω]	entspricht 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 (inklusive Konnektoren)	
Weight	[kg]	0,9	
Mounting and operation height		< 3000 m über N.N.	
Protection Class		DIN EN 60 529-IP 20	

*) at 85 - 109 MHz with bandwidth conversion; **) measured at 10 MHz