

Type	HV 422-65 Vario		HV 422-85 Vario	
Order number	217 440		217 439	
EAN-Code	4026187199326		40261871198961	
Forward path				
Frequency Range	[MHz]	85 - 1218* verwendbar nur mit Diplexfilter DF65 und DF204	104 - 1218* verwendbar nur mit Diplexfilter DF85 und DF204	
Gain	[dB]	32 ± 1*		
Slope (Interstage)	[dB]	0 or 7, jumper		
Attenuation (Interstage)	[dB]	0 or 6, jumper		
Noise Figure	[dB]	≤ 7		
Slope (Input)	[dB]	0 - 18		
Attenuation (Input)	[dB]	0 - 20		
Test Point (Output Downstream)	[dB]	20 ± 2,5 (bi) / 20 ± 1 (rk)		
Maximum output level				
acc. EN 60728-3 with 112 QAM256 carrier 8 MHz bandwidth	[dBμV]	103 / 104		
acc. EN 60728-3 with 119 QAM256 carrier 8 MHz bandwidth	[dBμV]	102 / 103		
Return path				
Frequency Range	[MHz]	5 - 65 & 5 - 204* usable only with diplex filter DF65 and DF204	5 - 85 & 5 - 204* usable only with diplex filter DF85 and DF204	
Gain	[dB]	30 ± 1		
Noise Figure	[dB]	≤ 5,5**		
Attenuation (Input/Output)	[dB]	0 - 20 / 0 - 20		
Interstage attenuation	[dB]	0 or 6, jumper		
Interstage Slope	[dB]	with DF 204 3 dB fixed, additionally 3 dB pluggable		
Test Point (Output Upstream)	[dB]	20 ± 1, bi-directional		
Maximum output level				
acc. EN60728-3 with 24 QAM256 carriers 8 MHz bandwidth	[dBμV]	109		
acc. EN60728-3 mit 6 QAM256 carriers 8 MHz bandwidth	[dBμV]	114		
with 7 QAM64 carriers / 6 MHz bandwidth	[dBμV]	115		
Common data				
Power Consumption	[VA] / [W]	22 / 9,2		
Impedance	[Ω]	75		
Return Loss	[dB]	≥ 14 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 - 23 %/+10 %, 50		
Ambient Temperature	[°C]	-15...+50		
Size (W x H x D)	[mm]	135 x 154 x 49 (inklusive Konnektoren)		
Weight	[kg]	0,75		
Mounting and operation height	[m]	< 4000 über N.N.		
Protection Class		DIN EN 60 529-IP 20		

* the gain value corresponds to the practical case of using the input slope and interstage slope

** measured from 10 MHz