

## BVS 20-69N CATV amplifier 38 dB | 107 dB $\mu$ V CSO/CTB



- ✓ KDG 1 TS 140: D(4.3)
- ✓ Downstream 85...1006 MHz
- ✓ Attenuation and equalization adjustable
- ✓ Interstage attenuation/equalization pluggable with jumpers
- ✓ Upstream 5...65 MHz
- ✓ Interstage attenuation/equalization pluggable with jumpers
- ✓ Al-die-cast housing
- ✓ Test ports at in- and output
- ✓ Vodafone listed

### Order information

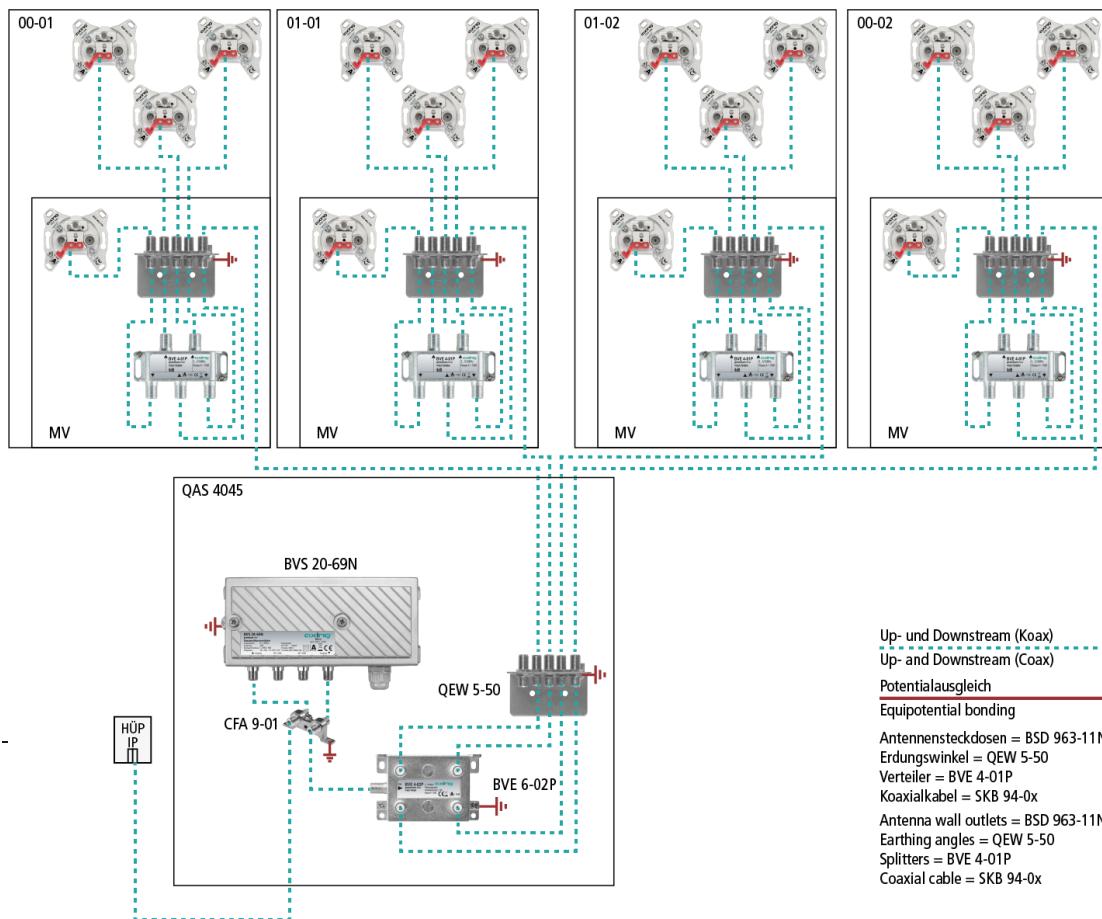
Type	BVS 20-69N
Order no.	BVS02069N
GTIN	7611682008203
PE	1
VE	1
EU customs tariff number	85437030



### Technical data

EMC	according to EN 50083-2, class A
Classification according to KDG 1 TS 140	D(4.3)
<b>Downstream</b>	
Frequency range	85...1006 MHz
Gain	38 dB
Max. output level CSO/CTB (CENELEC raster, 41 channels, 60 dB IMA)	107 dB $\mu$ V
Max. output level 112 channels QAM (flat, BER<1x10 <sup>-9</sup> )	104 dB $\mu$ V
Attenuation: continuously adjustable	0...15 dB
Equalization: continuously adjustable	0...15 dB
Attenuation interstage: pluggable with jumpers	0   2   4   6 dB
Equalization interstage: pluggable with jumpers	0   2   4   6 dB
Return loss	≥ 18 dB (-1.5 dB/Octave)
Noise figure typ.	≤ 5.5 dB
<b>Upstream</b>	
Frequency range	5...65 MHz
Gain	30 dB
Noise figure	≤ 7 dB
Attenuation: continuously adjustable	0...15 dB
Equalization interstage: pluggable with jumpers	0   3   6   9 dB
Attenuation interstage: pluggable with jumpers	0   6 dB
<b>RF connectors</b>	
Type	F-female
Test port at in-/output	-20 ±2.5 dB/-20 ±1.0 dB
<b>General</b>	
Operating temperature range (acc. to EN 60065)	-20...+50°C
Switching power supply	100...240 VAC / 50...60 Hz
Power indicator	LED
Power consumption	10 W
Equipotential bonding connection	4 mm <sup>2</sup>
Dimensions (W x H x D) appr.	196 x 100 x 60 mm
Weight	0.748 kg
IP code	IP54

## Example of use



## Suitable products

- QEWF 5-50 Earthing angle | 5-way, two-rowed
- QEWF 6-50 Earthing angle | 6-way, two-rowed
- QEWF 7-50 Earthing angle | 7-way, two-rowed
- QEWF 8-50 Earthing angle | 8-way, two-rowed
- QEWF 9-50 Earthing angle | 9-way, two-rowed
- QEWF 11-50 Earthing angle | 11-way, two-rowed
- QEWF 13-50 Earthing angle | 13-way, two-rowed
- QEWF 17-50 Earthing angle | 17-way, two-rowed
- QEWF 25-50 Earthing angle | 25-way, three-rowed