

BVS 14-69P CATV amplifier 40 dB | 111 dBμV CSO/CTB



- ✓ GaAs technology
- ✓ Downstream 85...1218 MHz
- ✓ Attenuation and equalization adjustable with PCB switches
- ✓ Interstage attenuation and equalization pluggable with jumpers
- ✓ Upstream 5...65 MHz
- ✓ Active/passive pluggable with jumpers
- ✓ Attenuation adjustable with PCB switch
- ✓ Interstage attenuation and equalization pluggable with jumpers
- ✓ Al-die-cast housing
- ✓ Test ports at in- and output

Order information

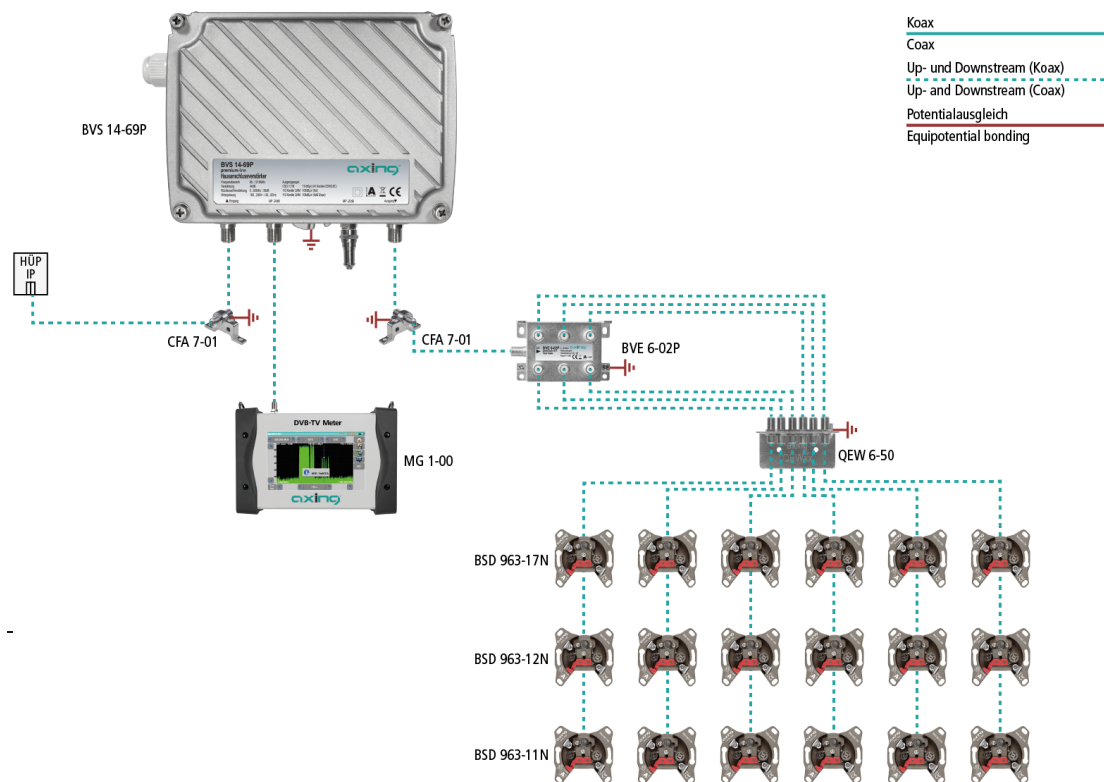
Type	BVS 14-69P
Order no.	BVS01469P
GTIN	7611682006827
PE	1
VE	1
EU customs tariff number	85437030



Technical data

EMC	according to EN 50083-2, class A
Downstream	
Frequency range	85...1218 MHz
Gain	40 dB
Max. output level CSO/CTB (CENELEC raster, 41 channels, 60 dB IMA)	111 dBμV
Max. output level 112 channels QAM (flat, BER<1x10 ⁻⁹)	106 dBμV
Max. output level 112 channels QAM256 (6 dB Slope, BER<1x10 ⁻⁹)	108 dBμV
Attenuation: adjustable in 1 dB steps	0...15 dB
Equalization: adjustable in 1 dB steps	0...15 dB
Attenuation interstage: pluggable with jumpers	0 2 4 6 dB
Equalization interstage: pluggable with jumpers	0 2 4 6 dB
Gain interstage: pluggable with jumpers	40 30 dB
Return loss	≥ 18 dB (-1.5 dB/Octave)
Noise figure typ.	< 7dB
Upstream	
Frequency range	5...65 MHz
Gain	30 dB
Attenuation: adjustable in 1 dB steps	0...15 dB
Equalization interstage: pluggable with jumpers	0 3 6 9 dB
Attenuation interstage: pluggable with jumpers	0 6 dB
RF connectors	
Type	F-female
Test port at in-/output	-20 ± 2.5 dB/-20 ± 1.0 dB
General	
Switching power supply	100...240 VAC / 50...60 Hz
Power indicator	LED
Power consumption	14 W
Equipotential bonding connection	4 mm ²
Operating temperature range (acc. to EN 60065)	-20...+50°C
Dimensions (W × H × D) appr.	182 × 146 × 71 mm
Weight	1.123 kg
IP code	IP54

Example of use



Suitable products

[QEW 5-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 6-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 7-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 8-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 9-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 11-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 13-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 17-50 Earthing angle | Vodafone Kabel Deutschland approved](#)
[QEW 25-50 Earthing angle | Vodafone Kabel Deutschland approved](#)