

**BVS 14-66 CATV amplifier 40 dB | 111 dBμV CSO/CTB**



- ✓ Remote power supply at input/output
- ✓ GaAs technology
- ✓ Downstream 85...1006 MHz
- ✓ Attenuation/equalization adjustable with PCB switches
- ✓ Interstage attenuation/equalization pluggable with jumpers
- ✓ Cable simulator BZU 80-02 pluggable
- ✓ Upstream 5...65 MHz
- ✓ Active/passive pluggable with jumpers
- ✓ Attenuation adjustable with PCB switch
- ✓ Interstage attenuation/equalization pluggable with jumpers
- ✓ Al-die-cast housing
- ✓ Test ports at in- and output

**Order information**

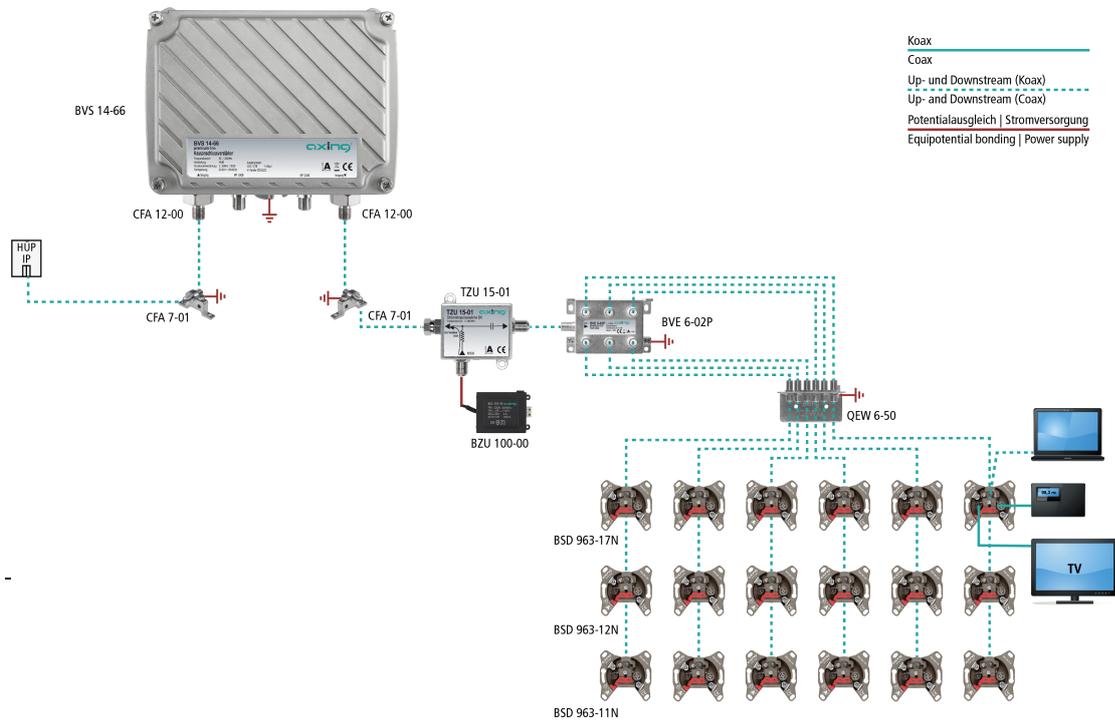
Type	BVS 14-66
Order no.	BVS01466
GTIN	7611682004052
PE	1
VE	1
EU customs tariff number	85437030



**Technical data**

EMC	according to EN 50083-2, class A
<b>Downstream</b>	
Frequency range	85...1006 MHz
Gain	40 dB
Max. output level CSO/CTB (CENELEC raster, 41 channels, 60 dB IMA)	111 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
Return loss	≥ 18 dB (-1.5 dB/Octave)
Noise figure typ.	< 7dB
<b>Upstream</b>	
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
<b>RF connectors</b>	
Type	CFA 12-00/CKA 12-00
Test port at in-/output	-20 ±2.5 dB/-20 ±1.0 dB
<b>General</b>	
Switching power supply	30...65 VAC / 50...60 Hz
Power indicator	LED
Power consumption	14 W
Equipotential bonding connection	4 mm <sup>2</sup>
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

- [CFA 12-00 Adapter PG11 | F](#)
- [CKA 12-00 Adapter PG11 | IEC](#)
- [QEW 5-50 Earthing angle | 5-way, two-rowed](#)
- [QEW 6-50 Earthing angle | 6-way, two-rowed](#)
- [QEW 7-50 Earthing angle | 7-way, two-rowed](#)
- [QEW 8-50 Earthing angle | 8-way, two-rowed](#)
- [QEW 9-50 Earthing angle | 9-way, two-rowed](#)
- [QEW 11-50 Earthing angle | 11-way, two-rowed](#)
- [QEW 13-50 Earthing angle | 13-way, two-rowed](#)
- [QEW 17-50 Earthing angle | 17-way, two-rowed](#)
- [QEW 25-50 Earthing angle | 25-way, three-rowed](#)
- [BZU 80-02 Cable simulator](#)