

## BVS 14-66 CATV-Verstärker 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

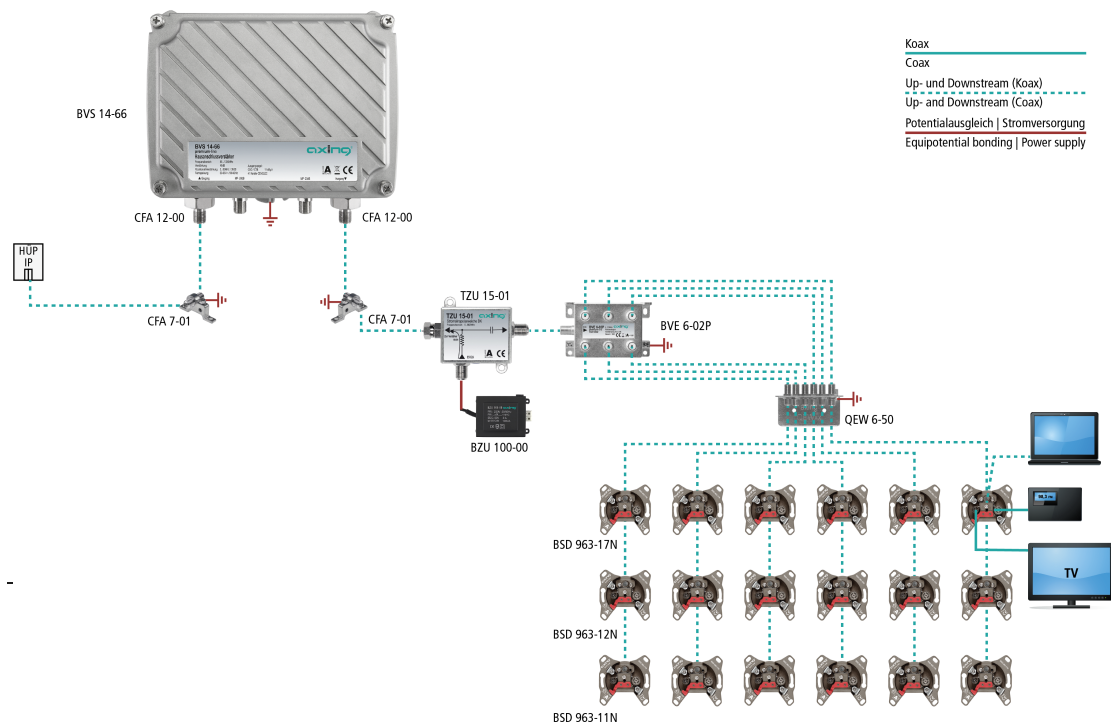
|                          |               |
|--------------------------|---------------|
| Type                     | BVS 14-66     |
| Order no.                | BVS01466      |
| GTIN                     | 7611682004052 |
| PE                       | 1             |
| VE                       | 1             |
| 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 mm²                            |
| Operating temperature range (acc. to EN 60065)                     | -20...+50°C                      |
| Dimensions (W × H × D) appr.                                       | 182 × 146 × 71 mm                |
| Weight                                                             | 1.123 kg                         |
| Protection class                                                   | IP 54                            |

## 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](#)  
[BZU 80-02 Cable simulator](#)