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

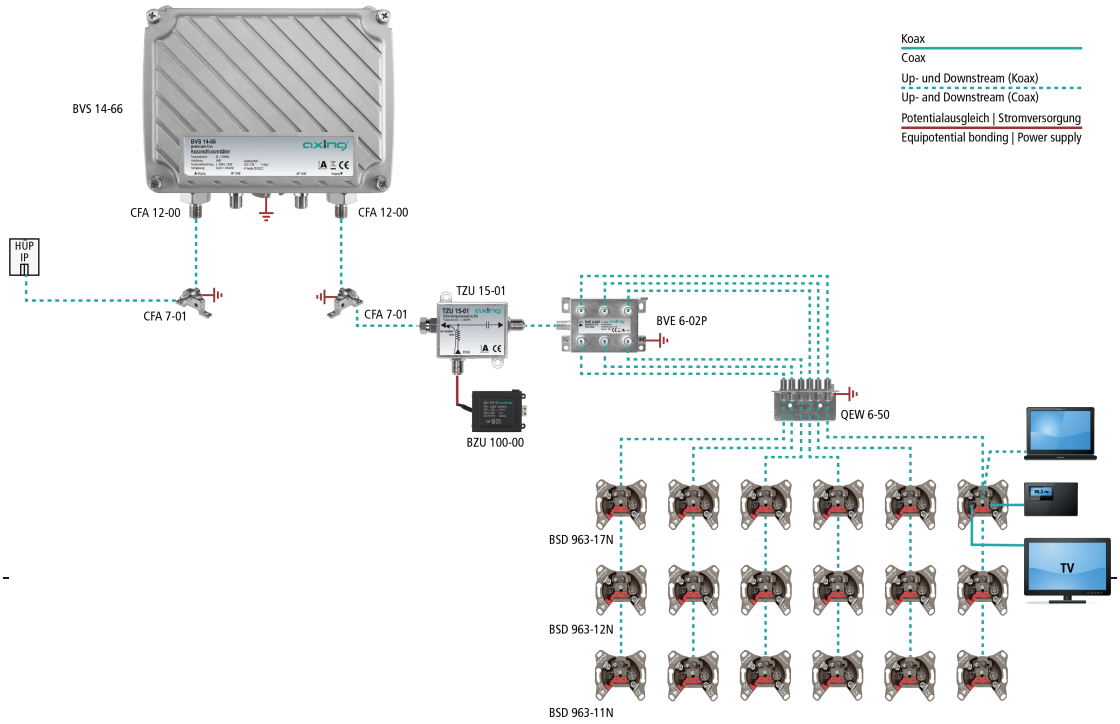
Order information

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
Downstream	
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
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	CFA 12-00/CKA 12-00
Test port at in-/output	-20 ±2.5 dB/-20 ±1.0 dB
General	
Operating temperature range (acc. to EN 60065)	-20…+50°C
Switching power supply	30...65 VAC / 50...60 Hz
Power indicator	LED
Power consumption	14 W
Equipotential bonding connection	4 mm²
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