

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



- ✓ KDG 1 TS140: D(4.4)
- ✓ GaAs technology
- ✓ Downstream 85...1006 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
- ✓ Vodafone listed

Order information

Type	BVS 14-69N
Order no.	BVS01469N
GTIN	7611682008296
PE	1
VE	1
EU customs tariff number	85437030

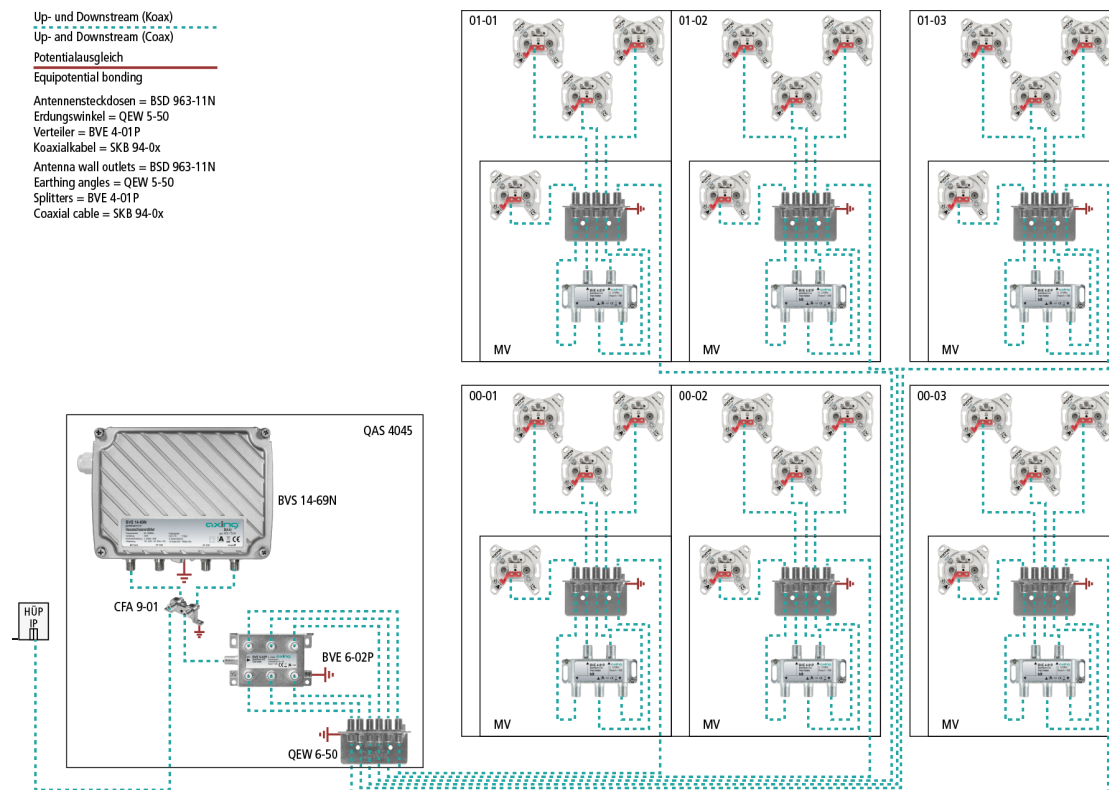


Technical data

Classification according to KDG 1 TS 140	D(4.4)
Downstream	
Frequency range	85...1006 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
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 36 dB
Return loss	≥ 18 (-1.5 dB/Oct.)
Noise figure typ.	< 7dB
Upstream	
Frequency range	5...65 MHz
Gain	30 dB
Noise figure	< 7dB
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	
Operating temperature range (acc. to EN 60065)	-20...+50°C
Switching power supply	100...240 VAC / 50...60 Hz
Power indicator	LED
Power consumption	14 W
Equipotential bonding connection	4 mm ²
Dimensions (W × H × D) appr.	182 × 146 × 71 mm
Weight	1.123 kg
IP code	IP54

Example of use

Up- und Downstream (Coax)
Up- and Downstream (Coax)
Potentialausgleich
Equipotential bonding
Antennensteckdosen = BSD 963-11N
Erdungswinkel = QEW 5-50
Verteiler = BVE 4-01P
Koaxialkabel = SKB 94-0x
Antenna wall outlets = BSD 963-11N
Earthing angles = QEW 5-50
Splitters = BVE 4-01P
Coaxial cable = SKB 94-0x



Suitable products

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