

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



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CATV amplifier

Rating: Not Rated Yet

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Description

- 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

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

Switching power supply 100...240 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

IP code IP54