

## House connection amplifiers *eco-power* with return path

Type	GHV 20 M
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Order No. 940 030-061



Frequency range return/forward	5 ... 65 / 85 ... 862 MHz
Gain forward G @ 862 MHz output 1 G @ 862 MHz output 2,3,4 Attenuator at input	12 dB 10.5 dB 0 ... 20 dB
Gain return path G @ 60 MHz (passive/active)	-1 dB
Amplitude response forward 47...862 MHz Fix slope	1.5 dB +1 dB
Amplitude response return path 5...60 MHz	1 dB
Random noise Noise figure	4.5 dB
Return loss @ 40 MHz, -1,5 dB/octave	>14 dB
Output level forward IMR2/ IMR3 ≥60 dB CSO/CTB ≥60 dB, 42 ch, flat	90 / 103 dBμV 86 / 89 dBμV
RF connectors (75 Ω) Input Output	F female F female
Operating conditions max. RF level (EMC) Supply voltage Power consumption Operating temperature Protection class Degree of protection (IP) Weight Dimensions WxHxD	105 dBμV 230 V ±10% 3 W -25° ... +55°C II IP 20 0.64 kg 150x80x50 mm
Reference standards Product standards Safety EMC RoHS 2002/95/EG compliant	EN 50083-3 Class 2 EN 50083-1; EN 60065 EN 50083-2 yes
Packing unit Sales unit	1 pc. in cardboard box

### GHV 20 M

#### Indoor distribution amplifier with integrated 4-way tap-off

The GHV 20 M has 4 outputs for direct, point-to-point distribution of analog and digital signals.

#### The ideal distribution amplifier with return channel utilization for

- Apartments
- Family houses

#### Special features:

- Return channel-capable data output 5...65 MHz
- Outputs decoupling using directional couplers
- High-quality die-cast housing with integrated power supply unit

#### Advantages of the compact solutions:

No external tap-offs, therefore:

- Easy, attractive installation in residential buildings
- High decoupling between data return channel and other connections suppresses interference
- Increased reliability
- Cost advantages

