



GHV 940 House Amplifier, w/RC, Gain 40dB,
47...1006MHz

Art. Number 323166

The GHV 940 is a low noise coaxial (NE4) House Distribution Amplifier, for use in medium to large CATV distribution networks in multidwelling houses.

The GHV 940 Distribution Amplifier has a modular design with return path, all-on-board for easy setting and installation.

Rotary switches and jumpers provide for readable, easy and reproducible setting of attenuation and equalization, maintaining a non-breakable signal path down- and upstream to avoid down-time.

- Cost effective 1 GHz technology.
- Adjustable attenuation and equalization settings in 1dB steps using rotary switches and jumpers.
- Switchable VHF Band I (RC=OFF) or 5-65 MHz Return Path (RC=ON).
- Selectable Return Path: On/Off, Active/Passive.
- Upstream 26/32 dB amplification / High output level.
- Downstream 40 dB amplification / high output level.
- All-on-board return path technology, all features available without module.
- Optional Automatic Return channel Activation (ARA) (switchable return channel blocker for noise suppression).
- All connectors are F-connector female, individually mounted -20dB input- and output- test connectors.
- Extensive ESD- and Surge-Protection.
- Unit is mains fed via an EU-type power plug. Low power consumption.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663231665

CHARACTERISTICS

Output level CSO @ 60 dB IMD (42 ch) Slope 0/7 107/109 dB μ V
dB | dB μ V

Output level CTB @ 60 dB IMD (42 ch) Slope 0/7 dB 107/109 dB μ V
| dB μ V

Output level return IMD 2/IMD 3 @ 60 dB | dB μ V 98/119 dB μ V



Technical Specifications

FREQUENCY RANGE

Frequency range | MHz 47...1006/85...1006 MHz

GAIN

Gain | dB 40 (@1006MHz) dB

Gain return (@60 MHz) | dB 26/32 dB

Noise figure | dB 7 dB

Noise figure return path | dB 5 dB

LOSS

Equalization 0...15

Attenuation | dB 0...15 dB

Attenuation - interstage | dB 0/3/6/9 dB

ELECTRICAL

Linearity | dB ± 1.0 dB

OPERATIONAL

LED indicator Green

IP Housing protection class IP 20

Insulation Class II

CONNECTORS

RF connector - Test point input: bi-directional | dB -20 dB

RF connector - Test point output: directional | dB -20 dB

MECHANICAL

Weight (kg) TB(D) | kg 0.75 kg

Product Height | mm 65 mm

Product Width | mm 169 mm

Product Depth | mm 76 mm

Packaging Height | m 0.070 m

Packaging Width | m 0.230 m

Packaging Depth | m 0.130 m

Packaging Volume | m³ 0.002 m³

Net Weight | kg 0.735 kg

Tara Weight | kg 0.116 kg

Total Weight | kg 0.851 kg