

## HRF-PG HEADEND PILOT GENERATOR



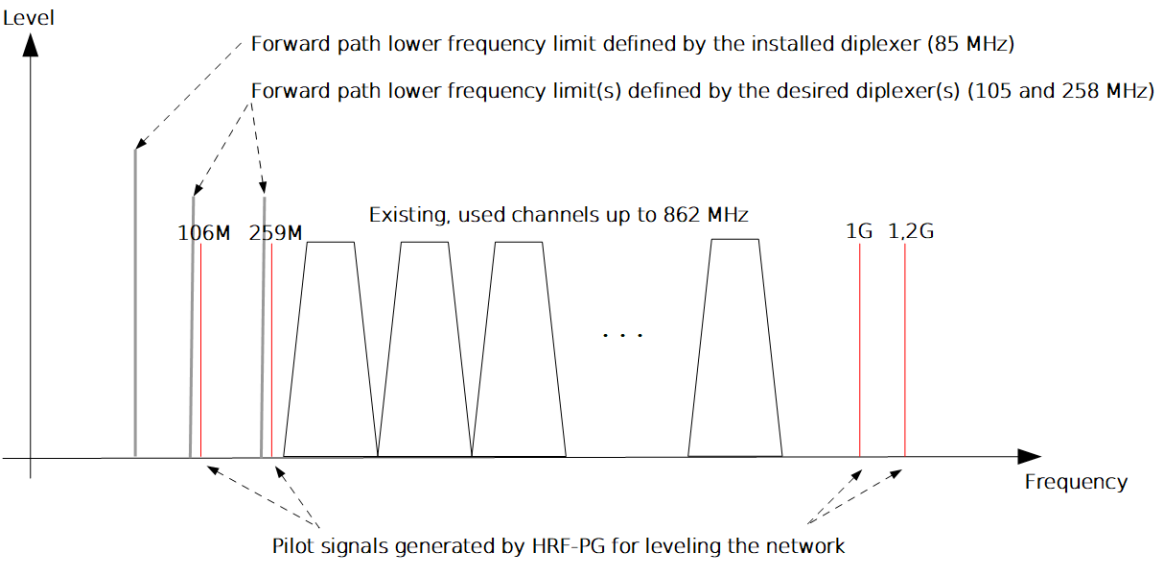
- Generates CW signals for leveling DOCSIS 3.1 networks
- Fully electronic setup
- Connection to monitoring systems
- Optional powering redundancy

### TECHNICAL SPECIFICATIONS

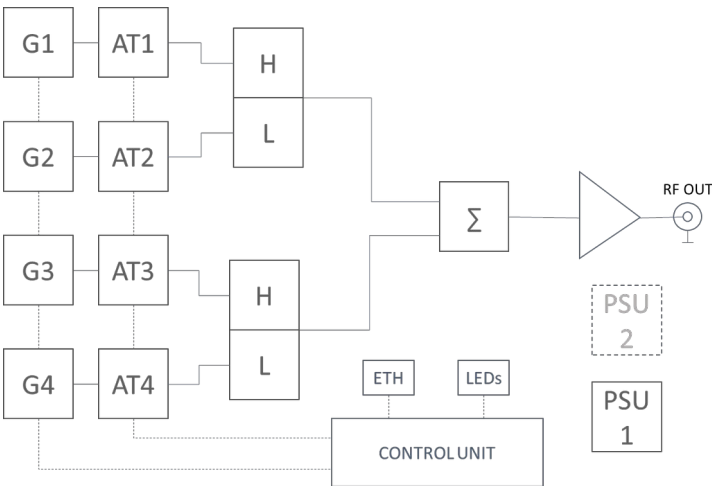
| RF parameters                            | HRF-PG-A-x | HRF-PG-B-x | HRF-PG-C-x         | HRF-PG-D-x | HRF-PG-E-x  |
|------------------------------------------|------------|------------|--------------------|------------|-------------|
| Number of independent channels           |            |            | 4                  |            |             |
| Maximal output level per channel [dBμV]  |            |            | 115                |            |             |
| Output attenuator range [dB]             |            |            | 0...20             |            |             |
| Output attenuator step size [dB]         |            |            | 0.5                |            |             |
| Output level instability [dB]            |            |            | <0.5               |            |             |
| Channel 1 frequency range [MHz]          | 862...1218 | 862...1218 | 1000...1218        | 862...1218 | 1000...1218 |
| Channel 2 frequency range [MHz]          | 85...150   | 85...150   | 500...550          | 85...150   | 500...650   |
| Channel 3 frequency range [MHz]          | 862...1218 | 600...1000 | 800...1000         | 990...1218 | 800...1218  |
| Channel 4 frequency range [MHz]          | 258...310  | 258...310  | 250...270          | 440...500  | 258...310   |
| Frequency step [kHz]                     |            |            | 50                 |            |             |
| Communication parameters                 |            |            |                    |            |             |
| SNMP version                             |            |            | v1                 |            |             |
| Ethernet physical layer                  |            |            | 10Base-T           |            |             |
| Connector type                           |            |            | RJ-45              |            |             |
| General parameters                       |            |            |                    |            |             |
| RF connector                             |            |            | F                  |            |             |
| Power supply voltage [VAC]               |            |            | ~ 85...264 V; 50Hz |            |             |
| Maximum power consumption [W]            |            |            | 10                 |            |             |
| Temperature range [°C]                   |            |            | 0...+50            |            |             |
| Dimensions (without fixing handles) [mm] |            |            | 430x451x44         |            |             |
| Weight [kg]                              |            |            | 6                  |            |             |

Specifications are subject to change without notice!

AN EXAMPLE SPECTRUM



BLOCK DIAGRAM



ORDERING INFORMATION

H R F - P G - X - X

| Frequency bands |                                   |
|-----------------|-----------------------------------|
| A               | Freq. set A (see parameter table) |
| B               | Freq. set B (see parameter table) |
| C               | Freq. set C (see parameter table) |
| D               | Freq. set D (see parameter table) |
| E               | Freq. set E (see parameter table) |

| Power supply type |                              |
|-------------------|------------------------------|
| A                 | 1 x 230V AC                  |
| B                 | 2 x 230V AC (redundant mode) |

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