

# 0,7GHz – 3GHz

| Part Number                                  | FLG-10CA                                               | FLG-15CA                                               | FLG-30CA                                               | FLG-50CA                                               | FLG-100CA                                              | FLG-200CA                                              |
|----------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Frequency Range [Hz]                         | 0.7G-3G                                                | 0.7G-3G                                                | 0.7G-3G                                                | 0.7G-3G                                                | 0.7G-3G                                                | 0.7G-3G                                                |
| Max. Output Power typically [Watts]          | 10                                                     | 15                                                     | 30                                                     | 50                                                     | 100                                                    | 200                                                    |
| Output Power @ 1dB Compression, min. [Watts] | 8                                                      | 12                                                     | 24                                                     | 40                                                     | 80                                                     | 150                                                    |
| RF Input, max [dBm]                          | +10                                                    | +10                                                    | +10                                                    | +10                                                    | +10                                                    | +10                                                    |
| Gain [dB]                                    | 41                                                     | 43                                                     | 46                                                     | 48                                                     | 51                                                     | 54                                                     |
| Flatness [dB]                                | ±2                                                     | ±2                                                     | ±2                                                     | ±2                                                     | ±2                                                     | ±2                                                     |
| IP3 [dBm], typ.                              | 49                                                     | 51                                                     | 54                                                     | 56                                                     | 59                                                     | 62                                                     |
| Input VSWR, max.                             | 2:1                                                    | 2:1                                                    | 2:1                                                    | 2:1                                                    | 2:1                                                    | 2:1                                                    |
| Harmonics @ 1dB comp., [dBc], typical        | -20                                                    | -20                                                    | -20                                                    | -20                                                    | -20                                                    | -20                                                    |
| Spurious Signals @ 1dB comp., [dBc] typical  | -60                                                    | -60                                                    | -60                                                    | -60                                                    | -60                                                    | -60                                                    |
| Input / Output Impedance [ohms]              | 50 / 50                                                | 50 / 50                                                | 50 / 50                                                | 50 / 50                                                | 50 / 50                                                | 50 / 50                                                |
| Connectors In / Out                          | N(f)/N(f)                                              | N(f)/N(f)                                              | N(f)/N(f)                                              | N(f)/N(f)                                              | N(f)/N(f)                                              | N(f)/N(f)                                              |
| Dimensions [mm]                              | W                                                      | 483 (19")                                              | 483 (19")                                              | 483 (19")                                              | 483 (19")                                              | 610(24")                                               |
|                                              | H                                                      | 89                                                     | 89                                                     | 89                                                     | 134                                                    | 223                                                    |
|                                              | D                                                      | 458                                                    | 458                                                    | 458                                                    | 508                                                    | 661                                                    |
| Weight [kg]                                  | 10                                                     | 15                                                     | 17                                                     | 23                                                     | 40                                                     | 140                                                    |
| AC Power Input [W]                           | 100                                                    | 200                                                    | 350                                                    | 600                                                    | 1200                                                   | 2500                                                   |
| Power Supply [V AC]                          | 100 – 240                                              | 100 – 240                                              | 100 – 240                                              | 100 – 240                                              | 100 – 240                                              | 100 – 240                                              |
| Phases                                       | 1                                                      | 1                                                      | 1                                                      | 1                                                      | 1                                                      | 1                                                      |
| Operating Temperature [°C]                   | 0 / + 50                                               | 0 / + 50                                               | 0 / + 50                                               | 0 / + 50                                               | 0 / + 50                                               | 0 / + 50                                               |
| Operating Humidity Non-Condensing [%]        | 95                                                     | 95                                                     | 95                                                     | 95                                                     | 95                                                     | 95                                                     |
| Cooling                                      | Internal forced air                                    | Internal forced air                                    | Internal forced air                                    | Internal forced air                                    | Internal forced air                                    | Internal forced air                                    |
| Circuit Protection                           | • Thermal Overload<br>• Over Current<br>• Over Voltage | • Thermal Overload<br>• Over Current<br>• Over Voltage | • Thermal Overload<br>• Over Current<br>• Over Voltage | • Thermal Overload<br>• Over Current<br>• Over Voltage | • Thermal Overload<br>• Over Current<br>• Over Voltage | • Thermal Overload<br>• Over Current<br>• Over Voltage |