

## Comb Generator Modules (Package Style 210003)

### MINIMUM OUTPUT POWER PER LINE (dBm)

| MODEL NUMBER | INPUT FREQUENCY (MHz) | INPUT VSWR (MAX) | UP to 4.0 (GHz) | 4.0 to 8.0 (GHz) | 8.0 to 12.0 (GHz) | 12.0 to 18.0 (GHz) <sup>2</sup> |
|--------------|-----------------------|------------------|-----------------|------------------|-------------------|---------------------------------|
| GG70140-01   | 100                   | 2.0:1            | -10             | -20              | -                 | -                               |
| GG70140-02   | 200                   | 2.0:1            | -5              | -20              | -                 | -                               |
| GG70140-03   | 250                   | 2.0:1            | -5              | -15              | -20               | -                               |
| GG70140-04   | 500                   | 2.0:1            | 0               | -10              | -20               | -                               |
| GG70140-05   | 1000                  | 2.0:1            | 5               | -5               | -15               | -15                             |
| GG70140-06   | 1500                  | 2.0:1            | 5               | 0                | -10               | -10                             |
| GG70140-07   | 2000                  | 2.0:1            | 5               | 0                | -5                | -10                             |

## Coaxial Comb Generators (Package Style 210020, Male Input)

### MINIMUM OUTPUT POWER PER LINE (dBm)

| MODEL NUMBER | INPUT FREQUENCY (MHz) | INPUT VSWR (MAX) | Up to 4.0 (GHz) | 4.0 to 8.0 (GHz) | 8.0 to 12.0 (GHz) | 12.0 to 18.0 (GHz) <sup>2</sup> |
|--------------|-----------------------|------------------|-----------------|------------------|-------------------|---------------------------------|
| GG70340-01   | 100                   | 2.0:1            | -10             | -20              | -                 | -                               |
| GG70340-02   | 200                   | 2.0:1            | -5              | -20              | -                 | -                               |
| GG70340-03   | 250                   | 2.0:1            | -5              | -15              | -20               | -                               |
| GG70340-04   | 500                   | 2.0:1            | 0               | -10              | -20               | -                               |
| GG70340-05   | 1000                  | 2.0:1            | 5               | -5               | -15               | -15                             |
| GG70340-06   | 1500                  | 2.0:1            | 5               | 0                | -10               | -10                             |
| GG70340-07   | 2000                  | 2.0:1            | 5               | 0                | -5                | -10                             |

#### Notes:

1. All specifications apply at 25°C with 0.5W incident in a 50 ohm system (both source and load).
2. Performance above 12.0 GHz is typical performance only.
3. Maximum input power: 1 Watt.
4. Operating temperature range: -55 to +85°C
5. Modular units require an external DC return at the output. Internal or RF decoupled DC returns are available on special order.