

# 350W Coaxial Attenuator

## Technology Manual

### 1. Design Features

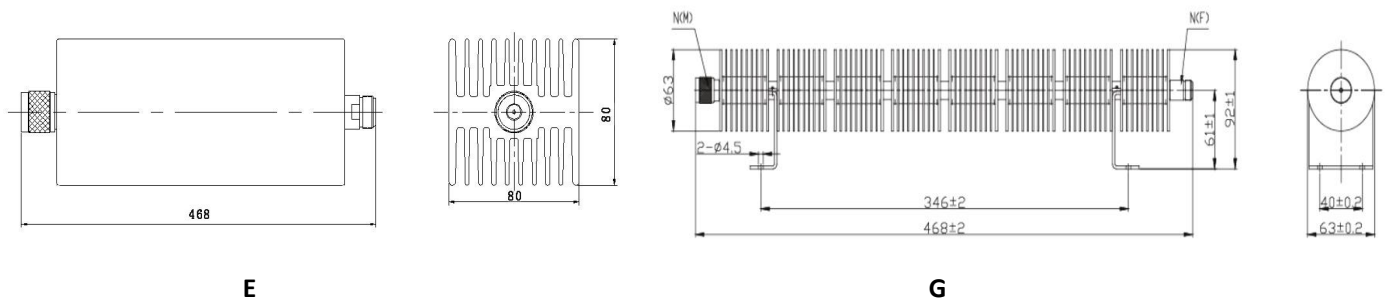
- ◆ HXTS350G series attenuator Frequency DC-13GHz optional◆UWB operating frequency
- ◆ Low standing wave coefficient ◆ High attenuation value accuracy
- ◆ Strong anti-pulse ability

### 2. Description :

| Model Number   | Freq. Range | Attenuation Value/Tolerance |           |           |         |      | VSWR Max |
|--|-------------|-----------------------------|-----------|-----------|---------|------|----------|
|  |             | 6dB                         | 10dB      | 20dB      | 30dB    | 40dB |          |
| HXTS350G-XX-4-X  | DC-4GHz     | -0.5/-1.5                   | -0.5/+1.0 | ±1.0      | -1/+0.5 | ±1.0 | 1.3      |
| HXTS350G-XX-8-X  | DC-8GHz     | ±1.5                        | -1.5/+2.5 | ±1.5      | ±1.0    | ±1.0 | 1.35     |
| HXTS350G-XX-12.4-X   | DC-12.4GHz  | ±1.5                        | -1.5/+4   | -1.5/+3.5 | ±2.0    | ±2.0 | 1.45     |
| HXTS350G-XX-13-X   | DC-13GHz    | -1.5/+2.5                   | -1.5/+4.0 | -1.5/+5.0 | ±2.0    | ±2.0 | 1.5      |
| Average Power: 350W  |             |                             |           |           |         |      |          |
| Connector Type: N(M.F)   |             |                             |           |           |         |      |          |
| Impedance: 50 Ω  |             |                             |           |           |         |      |          |
| Temperature Range: -55°C~+125°C  |             |                             |           |           |         |      |          |
| <p>★:XX:indicates the attenuation value                      X: Represents appearance (G,E)</p> <p>★:When the surface temperature exceeds 70°C for more than 5 minutes of continuous work, a fan of more than 150W should be used for cooling</p> <p>★:Average power: 350W corresponds to an ambient temperature of 25°C, when the temperature rises to 125°C, the power decreases linearly to 30W</p> <p>★:Peak power: 3KW (5μs pulse width, 3.5% duty cycle)</p> |             |                             |           |           |         |      |          |

### 3. size:

|   |                     |
|---|---------------------|
| The shape size can be selected (G,E) If not specified, it will be produced randomly |                     |
| G:468*63*92mm(1.5kg)With shelf  | E: 468*80*80mm(4kg) |



**Remind:**Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±4%)