

# RF Attenuator DC-5GHz

Model : SFA-1012



## Feature

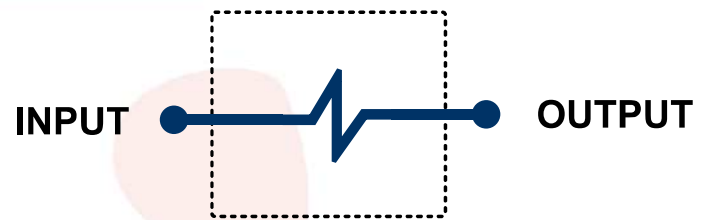
5G Sub6 fix attenuator adjusts the level of 5G signal for outdoor antenna. Variety of products are 3dB, 6dB ,10dB and 20dB attenuations.



## Application

- 5G Telecommunication purpose
- IBC/IBS
- Test lab/ Repair
- Test instrumentation
- Outdoor telecom system

## Block diagram



## Electrical characteristics

| ITEMS                    | SFA-1012-NPJ-3                                       | SFA-1012-NPJ-6                                       | SFA-1012-NPJ-10                                      | SFA-1012-NPJ-20                                      |
|--------------------------|--|--|--|--|
| Frequency                | DC ~ 5000MHz   |  |  |  |
| Impedance                | 50Ω  |  |  |  |
| V.S.W.R                  | DC to 3000MHz : 1.3                                  |  |  |  |
|                          | 3000MHz to 5000MHz : 1.4                             |  |  |  |
| Maximum Power            | 5W   |  |  |  |
| Attenuation              | 3 dB   | 6 dB   | 10 dB  | 20 dB  |
| Deviation of Attenuation | DC to 3000MHz : ±0.6dB<br>3000MHz to 5000MHz :±0.8dB | DC to 3000MHz : ±0.7dB<br>3000MHz to 5000MHz :±0.9dB | DC to 3000MHz : ±0.8dB<br>3000MHz to 5000MHz :±1.2dB | DC to 3000MHz : ±1.1dB<br>3000MHz to 5000MHz :±2.0dB |

## Mechanical characteristics

|            |                                       |
|------------|---------------------------------------|
| Dimensions | 100×103×60mm (Height x Width x Depth) |
| Weight     | 1100g MAX                             |
| Connector  | N-Male, N-Female                      |
| Mounting   | 4-φ4TH 7.5x4.8                        |

## Environmental characteristics

|                       |                |
|-----------------------|----------------|
| Operating Temperature | -10°C to +50°C |
| Storage Temperature   | -10°C to +60°C |
| Relative Humidity     | 5~95% ~ +35°C  |
| Lighting Protection   | Non-applied    |
| Waterproof            | IP-67          |
| RoHS Applicant        | Complied       |