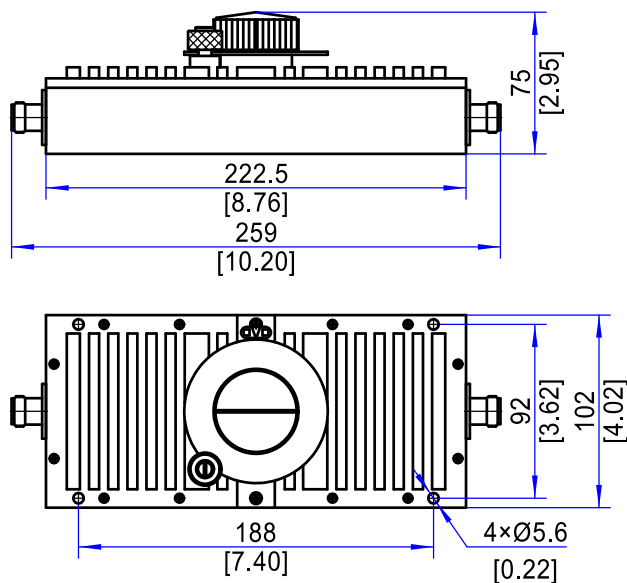


## FSCA300-XX-XX-XX-N

Continuously Variable Attenuator, 4~5GHz, 300W

| Electrical Specifications    |                                                                                                                    |         |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|---------|
| Impedance                    | 50 Ω                                                                                                               |         |
| Average Power                | 300 W                                                                                                              |         |
| Frequency Range              | 4~5 GHz                                                                                                            |         |
| Attenuation Range            | 0-10 dB, 0-20 dB                                                                                                   |         |
| Bandwidth                    | 100 MHz                                                                                                            | 200 MHz |
| Attenuation Accuracy         | ±0.5                                                                                                               | ±0.75   |
| Insertion Loss               | ≤1.2 dB                                                                                                            |         |
| VSWR                         | ≤1.55:1                                                                                                            |         |
| Environmental Specifications |                                                                                                                    |         |
| Operating Temperature        | -40°C~+65°C                                                                                                        |         |
| Mechanical Specifications    |                                                                                                                    |         |
| Connectors                   | N-Female                                                                                                           |         |
| Body Material                | Outer Conductor: Nickel Plated Brass<br>Inner Conductor: Gold Plated Beryllium Copper<br>Housing: Aluminum (Black) |         |
| Dimension                    | Outline: 259*102*75mm                                                                                              |         |
| Weight                       | Approx. 2.6 kg                                                                                                     |         |

### Outline Drawing (Units: mm/[inch], Tolerance: $\pm 2\%$ )



### Ordering Information:

Model: **FSCA300-XX-YY-ZZ-N**

XX = Start Frequency in GHz

YY = Stop Frequency in GHz

ZZ = Attenuation in dB (e.g. 0-20dB→20)

Example: 4-4.2GHz, 0-20dB, N-Female→**FSCA300-4-4.2-20-N**