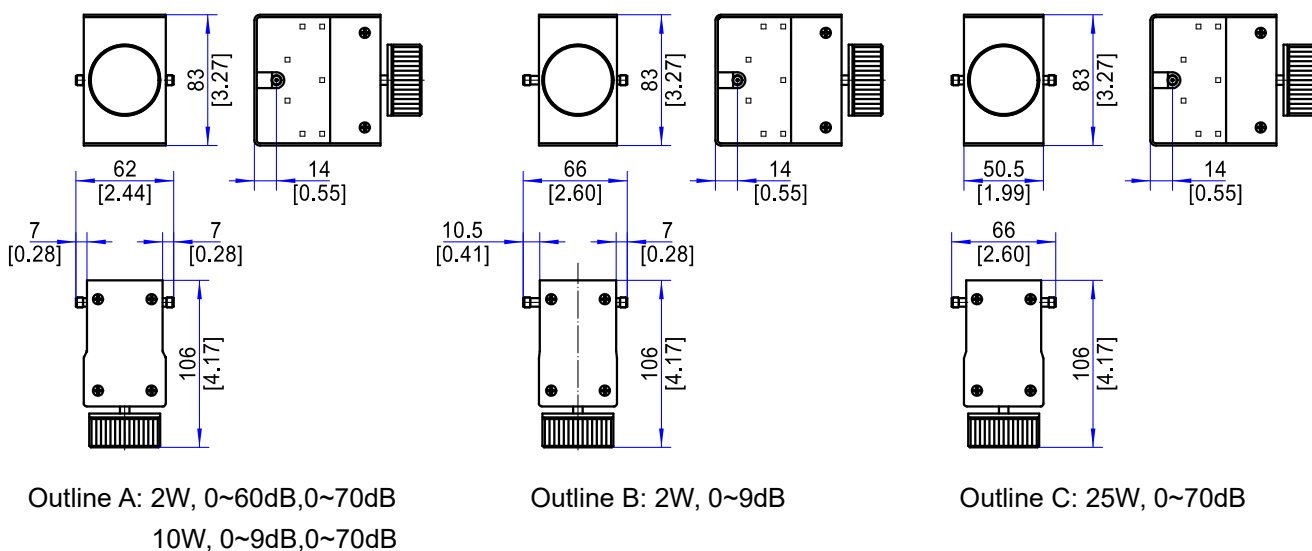


## FSSAXX-40A1

Rotary Stepped Attenuators, DC~40GHz, 0~90dB, 25W

| Electrical Specifications    |                                                                                   |                |                 |                  |               |
|------------------------------|-----------------------------------------------------------------------------------|----------------|-----------------|------------------|---------------|
| Impedance                    | 50Ω                                                                               |                |                 |                  |               |
| Peak Power                   | 200W (5μs pulse width, 2% duty cycle)                                             |                |                 |                  |               |
| Freq. (GHz)                  | Attenuation/Step                                                                  | VSWR<br>(Max.) | IL<br>(dB.Max.) | Accuracy<br>(dB) | Power<br>(CW) |
| DC~28                        | 0~9dB in 1dB Steps                                                                | 1.75           | 1.8             | ±1.5             | 10            |
| DC~32                        |                                                                                   | 1.9            | 2.0             | ±1.2             | 2             |
| DC~40                        |                                                                                   | 2.0            | 2.5             | ±1.5             | 2             |
| DC~26.5                      | 0~60dB in 10dB Steps                                                              | 1.75           | 1.8             | ±1.5 or 4%       | 2             |
| DC~18                        | 0~70dB in 10dB Steps                                                              | 1.60           | 1.0             | ±1.5 or 4%       | 2,10          |
| DC~26.5                      |                                                                                   | 1.75           | 1.8             | ±1.5 or 4%       | 25            |
| DC~28                        |                                                                                   | 1.75           | 1.8             | ±2.0 or 5%       |               |
| Environmental Specifications |                                                                                   |                |                 |                  |               |
| Operating Temperature        | 0℃~+54℃                                                                           |                |                 |                  |               |
| Mechanical Specifications    |                                                                                   |                |                 |                  |               |
| Connectors                   | SMA-Female(DC~18GHz)<br>3.5mm-Female(DC~26.5/28GHz)<br>2.92mm-Female(DC~32/40GHz) |                |                 |                  |               |
| Body Material                | Connector: Nickel Plated Brass<br>Housing:Aluminum                                |                |                 |                  |               |
| Dimension                    | Outline A:106*83*62mm, Outline B: 106*83*66mm<br>Outline C: 106*83*66mm           |                |                 |                  |               |
| Weight                       | Outline A: Approx. 520g, Outline B,Outline C: Approx.525g                         |                |                 |                  |               |

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



**Ordering Information:**Model: **FSSA~~XX~~-40A1-YY-ZZ-CC**

XX = Power Handling

YY = Frequency Range in GHz

ZZ = Attenuation Range in dB (e.g. 0~9dB in 10dB Steps→9)

CC = Connector Type (S=SMA-Female, 3=3.5mm-Female, K=2.92mm-Female)

Example: 40GHz, 2W, 0~9dB in 1dB Steps, SMA-Female→**FSSA2-40A1-40-9-K**