

## Coaxial Fixed Attenuator

**SRFS-06XX300**



**DC-6 GHz, 6-60 dB, 300 Watts, N, Unidirectional**

### Electrical

|                        |                                                                                |  |  |  |  |  |  |
|------------------------|--------------------------------------------------------------------------------|--|--|--|--|--|--|
| <b>Impedance</b>       | 50 ohm                                                                         |  |  |  |  |  |  |
| <b>Frequency Range</b> | DC-6 GHz                                                                       |  |  |  |  |  |  |
| <b>VSWR</b>            | 1.25 max                                                                       |  |  |  |  |  |  |
| <b>Input Avg Power</b> | 300W@ 25°C ambient, derating linearly to 30W at 100°C                          |  |  |  |  |  |  |
| <b>Peak Power</b>      | 2kW (5 micro-sec pulse width, 7.5% duty cycle)                                 |  |  |  |  |  |  |
| <b>Direction</b>       | Unidirectional, N male input, N female output (other configurations available) |  |  |  |  |  |  |

|                        |        |      |      |      |      |       |      |
|------------------------|--------|------|------|------|------|-------|------|
| <b>Attenuation(dB)</b> | 6      | 10   | 10   | 20   | 30   | 40,50 | 60   |
| <b>Accuracy(dB)</b>    | -1, +2 | ±1.2 | ±1.5 | ±1.5 | ±0.9 | ±0.9  | ±0.9 |

### Mechanical

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Connector Body</b> | Ternary alloy plated brass         |
| <b>Heat Sink</b>      | Black anodized aluminum            |
| <b>Center Contact</b> | Gold plated beryllium copper/brass |
| <b>Net Weight</b>     | Approx 4000 g                      |

### Environmental

|                                |                  |
|--------------------------------|------------------|
| <b>Operating Temperature</b>   | -55°C to 100°C   |
| <b>Storage Temperature</b>     | -55°C to 125°C   |
| <b>RoHS</b>                    | Compliant        |
| <b>Temperature Coefficient</b> | <0.0004 dB/dB/°C |

### Dimensions(mm)

