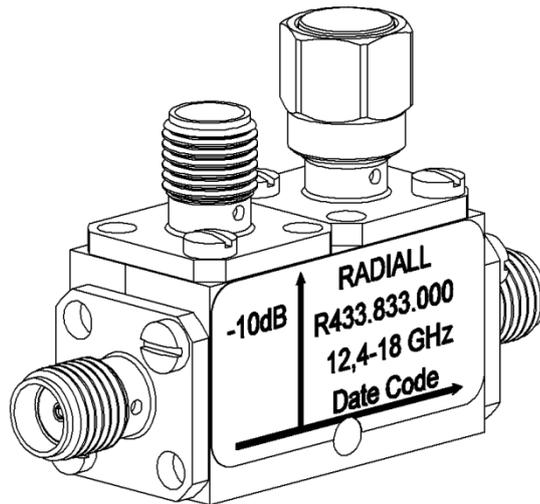
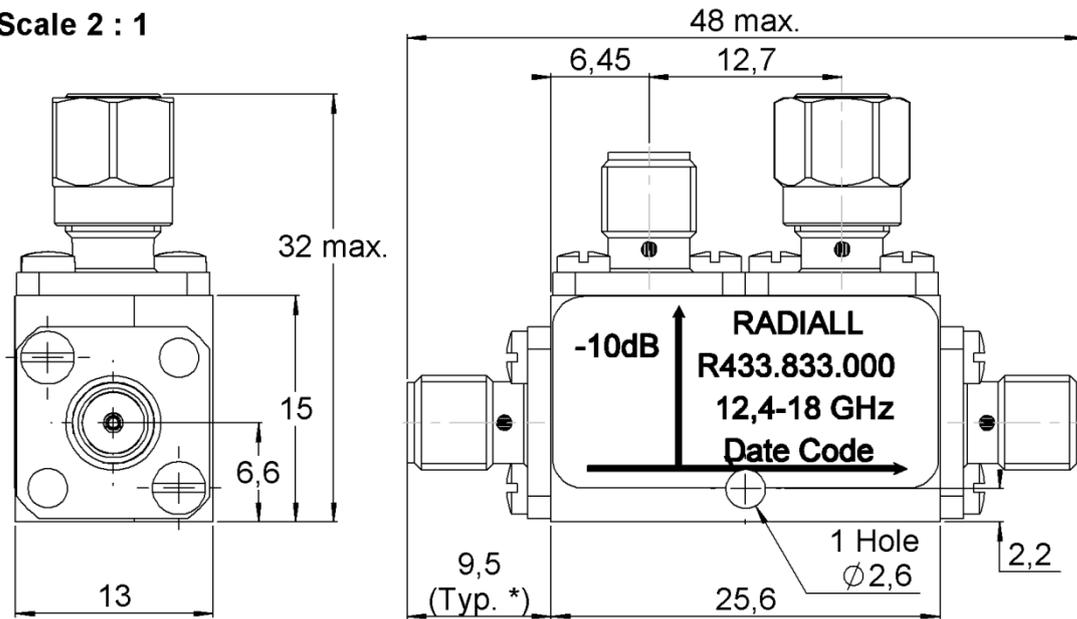
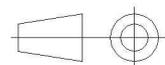


|          |                    |                   |                               |
|----------|--------------------|-------------------|-------------------------------|
| PAGE 1/2 | ISSUE<br>25-04-24A | SERIES<br>COUPLER | PART NUMBER <b>R433833000</b> |
|----------|--------------------|-------------------|-------------------------------|

**Scale 2 : 1**



All dimensions are in mm. Tolerances according ISO 2768 c-K



Weight ( $\pm 15\%$ ) **27,0400 g**  
Specification

## ELECTRICAL CHARACTERISTICS

|                             |               |
|-----------------------------|---------------|
| Frequency operating range : | 12.4 – 18 GHz |
| Impedance :                 | 50 $\Omega$   |
| VSWR : - Main Line          | 1.30 max.     |
| - Coupled Line              | 1.30 max.     |
| Nominal Coupling :          | 10 dB         |
| Coupling Precision :        | $\pm 0.8$ dB  |
| Directivity :               | 18 dB mini    |
| Insertion loss :            | 1 dB max.     |
| Frequency Sensitivity :     | $\pm 0.3$ dB  |
| Average Power at 25°C       | 50W           |
| Peak Power at 25°C          | 3000W         |

## MECHANICAL CHARACTERISTICS

|                       |                            |
|-----------------------|----------------------------|
| Connector type :      | SMA female per MIL-C 39012 |
| Coaxial Termination : | SMA, 50 $\Omega$ , 1W      |

## ENVIRONMENTAL CHARACTERISTICS

|                         |                |
|-------------------------|----------------|
| Operating temperature : | -25°C / +85°C  |
| Storage temperature :   | -40°C / +100°C |