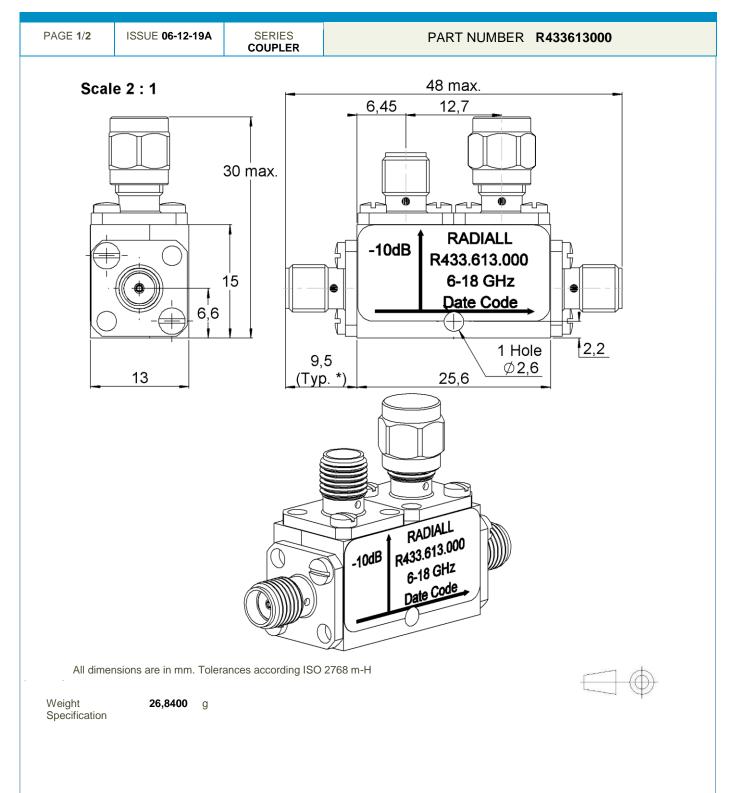
## **Technical Data Sheet**



50W 6-18GHZ 10DB DIRECTIONAL COUPLER



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

**Technical Data Sheet** 

50W 6-18GHZ 10DB DIRECTIONAL COUPLER



PAGE 2/2

ISSUE 06-12-19A

SERIES COUPLER

PART NUMBER R433613000

## **ELECTRICAL CHARACTERISTICS**

Frequency operating range :	6 – 18 GHz
Impedance :	50 Ω
VSWR : - Main Line	1.35 max.
- Coupled Line	1.35 max.
Nominal Coupling :	10 dB
Coupling Precision :	± 0.5 dB
Insertion Loss :	1 dB max.
Directivity :	17 dB mini
Frequency Sensitivity :	± 0.5 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 Ω, 1W

## **ENVIRONMENTAL CHARACTERISTICS**

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

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.