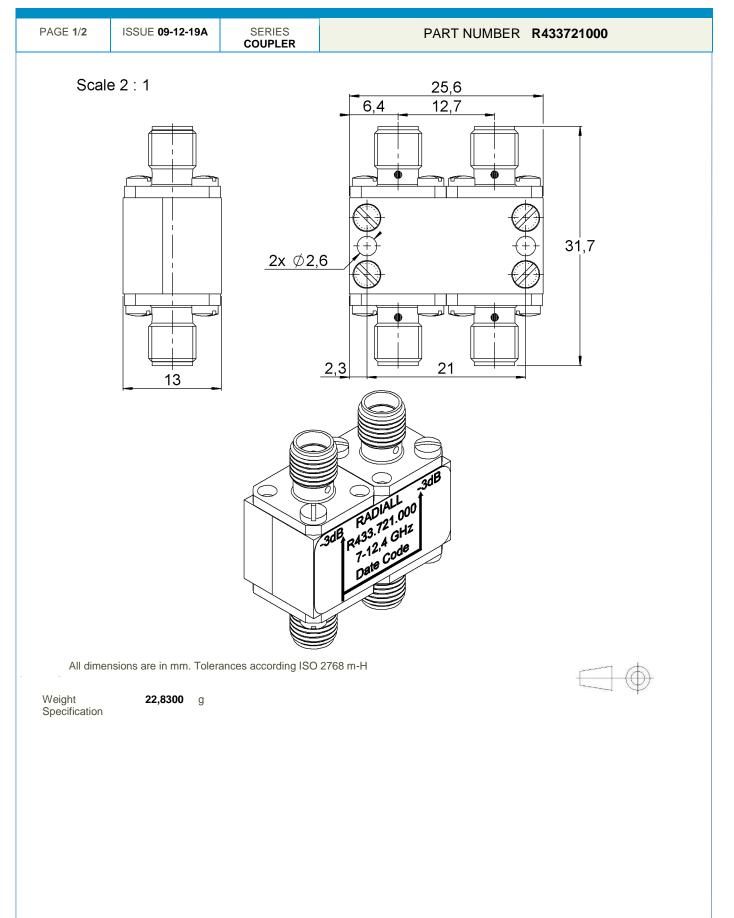
Technical Data Sheet

30W 7-12.4GHZ 3DB HYBRID COUPLER





Technical Data Sheet

30W 7-12.4GHZ 3DB HYBRID COUPLER



PAGE **2/2**

ISSUE 09-12-19A

SERIES COUPLER

PART NUMBER R433721000

ELECTRICAL CHARACTERISTICS

Frequency operating range :	7 – 12.4 GHz
Impedance :	50 Ω
VSWR :	1.35 max.
Nominal Coupling :	3 dB
Insertion Loss :	0.4 dB max.
Isolation :	18 dB mini
Amplitude Balance :	$\pm 0.5 \text{ dB}$
Phase Balance :	90° ±6°
Average Power at 25°C	30W
Peak Power at 25°C	3000W

MECHANICAL CHARACTERISTICS

Connector type : SMA female per MIL-C 39012

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radiall: R433721000