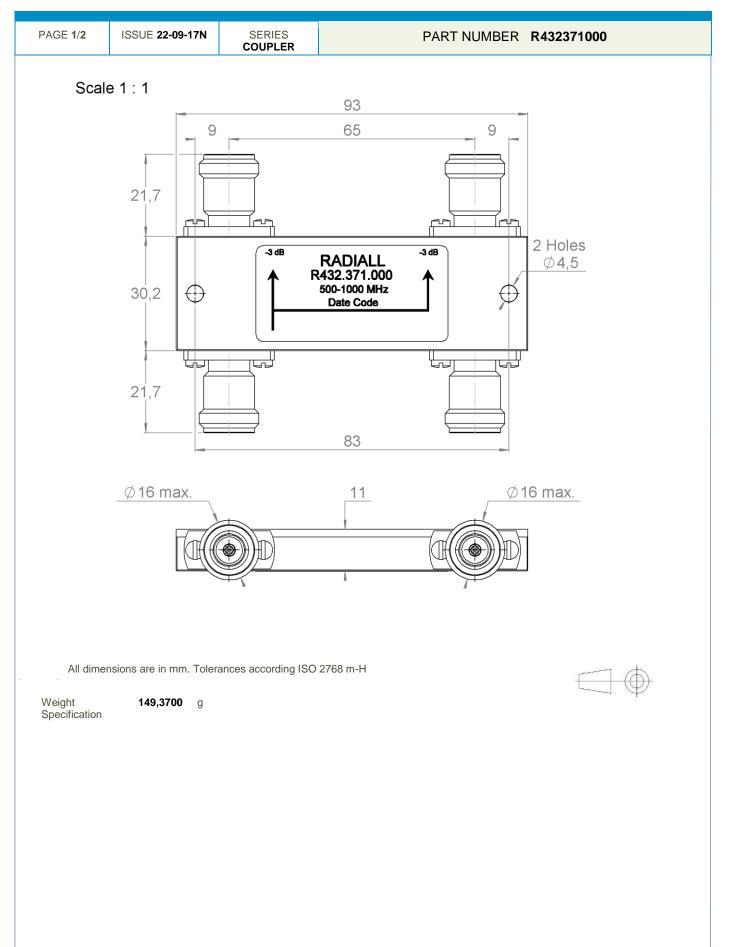
## **Technical Data Sheet**

300W 0.5-1GHZ 3DB HYBRID COUPLER





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SERIES COUPLER

PART NUMBER R432371000

## **ELECTRICAL CHARACTERISTICS**

Frequency operating range :	0.5 – 1 GHz
Impedance :	50 Ω
VSWR	1.15 max.
Nominal Coupling :	3 dB
Insertion Loss :	0.3 dB max.
Isolation :	25 dB mini
Amplitude Balance :	$\pm 0.5 \text{ dB}$
Phase Balance :	90°±5°
Average Power at 25°C	300W
Peak Power at 25°C	5000W

## **MECHANICAL CHARACTERISTICS**

Connector type : N female per MIL-C 39012

## **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature :	-25°C / +70°C
Storage temperature :	-25°C / +70°C

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