

Radiall 狐

30W 6-18GHZ 3DB HYBRID COUPLER

PAGE 1/2 SERIES COUPLER ISSUE 06-12-19A PART NUMBER **R433611000** Scale 2:1 25,6 6,4 12,7 31,7 2x Ø2,6 2,3 21 13 3dB R433.611.000 R433.611.000

All dimensions are in mm. Tolerances according ISO 2768 m-H

Weight Specification **22,3000** g







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## **ELECTRICAL CHARACTERISTICS**

	2 10 mm
Frequency operating range:	6 – 18 GHz
Impedance:	50 Ω
VSWR:	1.35 max.
Nominal Coupling:	3 dB
Insertion Loss:	0.6 dB max.
Isolation :	16 dB mini
Amplitude Balance :	$\pm 0.6 \text{ dB}$
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