



30W 12.4-18GHZ 3DB HYBRID COUPLER

PAGE 1/2 SERIES COUPLER ISSUE **09-12-19B** PART NUMBER **R433831000** Scale 2:1 25,6 6,4 12,7 31,7 2x Ø2,6 2,3 21 13 RADIALL RADIALL RAJ3.831.000 RAJ3.831.6HZ

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

22,3000 g

Weight Specification





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ELECTRICAL CHARACTERISTICS

Frequency operating range:	12.4 – 18 GHz
Impedance:	50 Ω
VSWR:	1.40 max.
Nominal Coupling :	3 dB
Insertion Loss:	0.6 dB max.
Isolation:	16 dB mini
Amplitude Balance :	± 0.7 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 :	-40°C / +100°C
Storage temperature :	-40°C / +100°C