



30W 7-12.4GHZ 3DB HYBRID COUPLER

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

Weight Specification **22,8300** g







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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