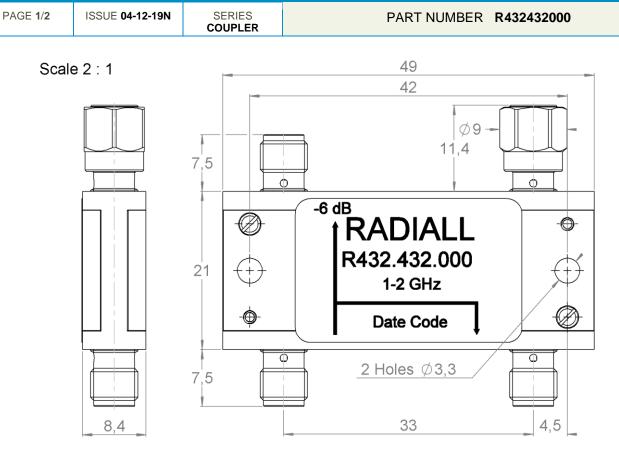
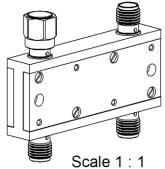


Technical Data Sheet







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

Weight Specification **28,0900** g







100W 1-2GHZ 6DB DIRECTIONAL COUPLER

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ELECTRICAL CHARACTERISTICS

Frequency operating range:	1 – 2 GHz
Impedance:	50 Ω
VSWR: - Main Line	1.20 max.
- Coupled Line	1.20 max.
Nominal Coupling :	6 dB
Coupling Precision:	± 1.1 dB
Insertion Loss:	1.8 dB max.
Directivity:	23 dB mini
Frequency Sensitivity:	$\pm 0.8 dB$
Average Power at 25°C	100W
Peak Power at 25°C	3000W

MECHANICAL CHARACTERISTICS

Connector type:	SMA female per MIL-C 39012
Coaxial Termination:	SMA, 50 Ω, 1W

ENVIRONMENTAL CHARACTERISTICS

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