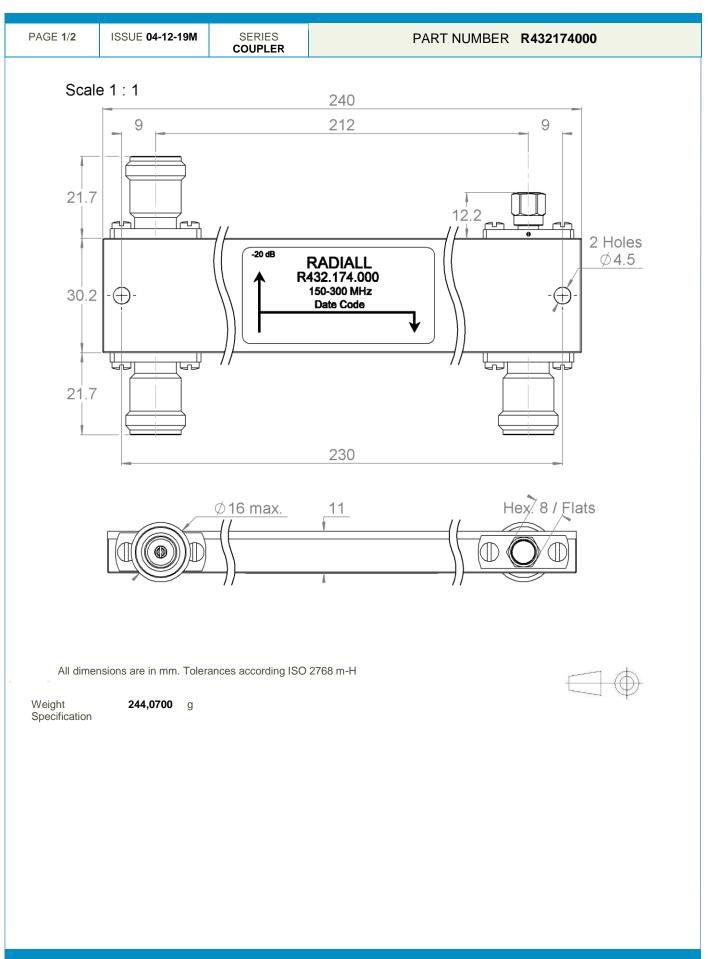
Technical Data Sheet



500W 0.15-0.3GHZ 20DB DIRECTIONAL COUPLER



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PAGE 2/2

ISSUE 04-12-19M

SERIES COUPLER

PART NUMBER R432174000

ELECTRICAL CHARACTERISTICS

Frequency operating range :	0.15 – 0.30 GHz
Impedance :	50 Ω
VSWR : - Main Line	1.10 max.
- Coupled Line	1.10 max.
Nominal Coupling :	20 dB
Coupling Precision :	$\pm 0.3 \text{ dB}$
Insertion Loss :	0.4 dB max.
Directivity :	23 dB mini
Frequency Sensitivity :	$\pm 0.8 \text{ dB}$
Average Power at 25°C	500W
Peak Power at 25°C	5000W

MECHANICAL CHARACTERISTICS

Connector type :	N 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

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