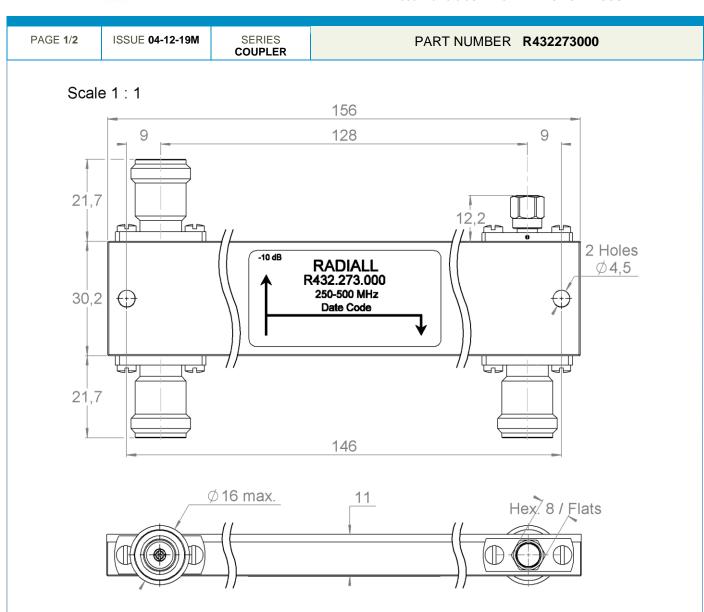




500W 0.25-0.5GHZ 10DB DIRECTIONAL COUPLER



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

Weight Specification **175,1000** g







500W 0.25-0.5GHZ 10DB DIRECTIONAL COUPLER

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ELECTRICAL CHARACTERISTICS

Frequency operating range:	0.25 – 0.50 GHz
Impedance:	50 Ω
VSWR: - Main Line	1.12 max.
- Coupled Line	1.12 max.
Nominal Coupling :	10 dB
Coupling Precision:	± 0.3 dB
Insertion Loss:	1 dB max.
Directivity:	30 dB mini
Frequency Sensitivity:	± 0.8 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