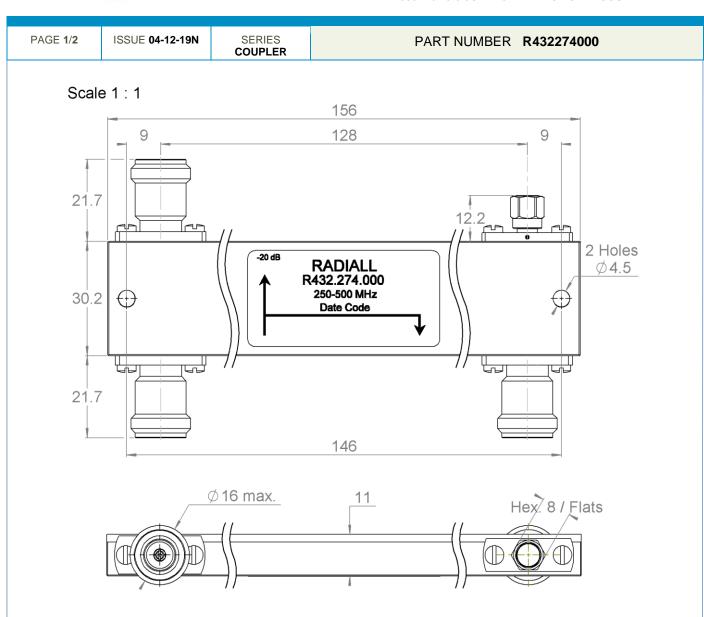




500W 0.25-0.5GHZ 20DB DIRECTIONAL COUPLER



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

Weight Specification **184,3700** g







500W 0.25-0.5GHZ 20DB DIRECTIONAL COUPLER

PAGE <b>2/2</b>	ISSUE <b>04-12-19N</b>	SERIES COUPLER	PART NUMBER <b>R432274000</b>
-----------------	------------------------	-------------------	-------------------------------

## **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 :	20 dB
Coupling Precision:	± 0.3 dB
Insertion Loss:	0.4 dB max.
Directivity:	23 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