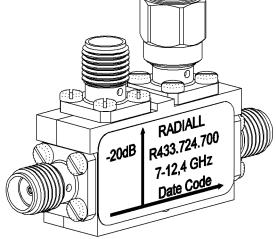




50W 7-12.4GHZ 20DB DIRECTIONAL COUPLER

PAGE 1/2 SERIES COUPLER ISSUE **09-12-19A** PART NUMBER R433724700 Scale 2:1 6,5 12,7 17 max. 8,2 15 5 12,8 Ø2,6 9,5 \* Typ.) 10 25,6



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

Weight Specification **15,3900** g







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## **ELECTRICAL CHARACTERISTICS**

Frequency operating range:	7 – 12.4 GHz
Impedance:	50 Ω
VSWR: - Main Line	1.30 max.
- Coupled Line	1.30 max.
Nominal Coupling :	20 dB
Coupling Precision:	± 1 dB
Directivity:	16 dB mini
Insertion loss:	0.4 dB max.
Frequency Sensitivity:	± 0.5 dB
Average Power at 25°C	50W
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 :	-40°C / +100°C
Storage temperature :	-40°C / +100°C