



50W 12.4-18GHZ 10DB DIRECTIONAL COUPLER

SERIES COUPLER PAGE 1/2 ISSUE **09-12-19A** PART NUMBER R433833000 **Scale 2:1** 48 max. 6,45 12,7 32 max. **RADIALL** -10dB R433.833.000 12,4-18 GHz 15 **Date Code** 6,6 1 Hole 2,2 9,5 \emptyset 2,6 13 (Typ. *) 25,6 RADIALL R433.833.000 -10dB 12,4-18 GHZ Date Code

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

Weight Specification **27,0400** g







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PAGE 2/2	ISSUE 09-12-19A	SERIES COUPLER	PART NUMBER R433833000
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ELECTRICAL CHARACTERISTICS

Frequency operating range:	12.4 – 18 GHz
Impedance:	50 Ω
VSWR: - Main Line	1.30 max.
- Coupled Line	1.30 max.
Nominal Coupling :	10 dB
Coupling Precision:	± 0.8 dB
Directivity:	18 dB mini
Insertion loss:	1 dB max.
Frequency Sensitivity:	± 0.3 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 :	-25°C / +85°C
Storage temperature:	-40°C / +100°C