



50W 7-12.4GHZ 10DB DIRECTIONAL COUPLER

SERIES COUPLER PAGE 1/2 ISSUE **09-12-19A** PART NUMBER R433723700 **Scale 2:1** 44,6 6,45 12,7 32 max. **RADIALL** -10dB R433.723.700 7-12,4 GHz 15 **Date Code** 6,8 1 Hole 2,2 9,5 10 \emptyset 2,6 25,6 (Typ. *) RADIALL R433.723.700 -10dB 7-12,4 GHZ Date Code

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

Weight Specification **15,6800** 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 :	10 dB
Coupling Precision:	± 1 dB
Directivity:	16 dB mini
Insertion loss:	1 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