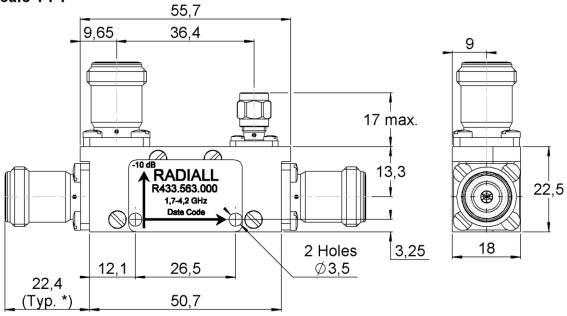


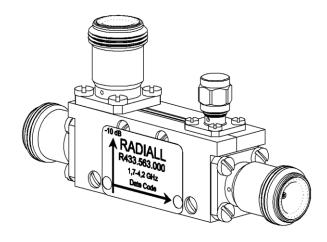


50W 1.7-4.2GHZ 10DB DIRECTIONAL COUPLER

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Scale 1:1





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

Weight Specification **137,1500** g







50W 1.7-4.2GHZ 10DB DIRECTIONAL COUPLER

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ELECTRICAL CHARACTERISTICS

Frequency operating range:	1.7 – 4.2 GHz
Impedance:	50 Ω
VSWR: - Main Line	1.25 max.
- Coupled Line	1.25 max.
Nominal Coupling:	10 dB
Coupling Precision:	± 0.5 dB
Insertion Loss:	1 dB max.
Directivity:	20 dB mini
Frequency Sensitivity:	± 0.3 dB
Average Power at 25°C	50W
Peak Power at 25°C	3000W

MECHANICAL CHARACTERISTICS

Connector type:	N 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

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