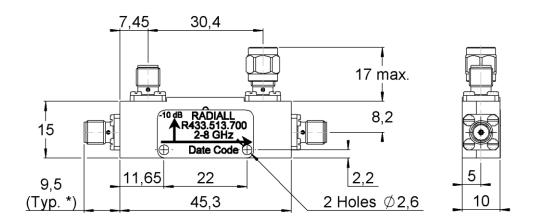




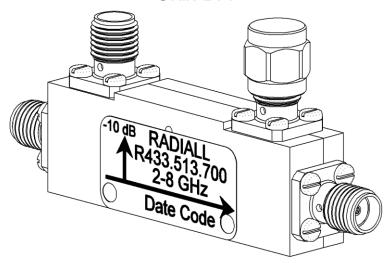
50W 2-8GHZ 10DB DIRECTIONAL COUPLER

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Scale 1:1



Scale 2:1



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

Weight Specification **23,9400** g







50W 2-8GHZ 10DB DIRECTIONAL COUPLER

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|-----------------|-----------------|-------------------|-------------------------------|
|-----------------|-----------------|-------------------|-------------------------------|

ELECTRICAL CHARACTERISTICS

| Frequency operating range: | 2 – 8 GHz |
|----------------------------|------------|
| Impedance: | 50 Ω |
| VSWR: - Main Line | 1.25 max. |
| - Coupled Line | 1.25 max. |
| Nominal Coupling : | 10 dB |
| Coupling Precision: | ± 1 dB |
| Insertion Loss: | 1 dB max. |
| Directivity: | 20 dB mini |
| Frequency Sensitivity: | ± 0.4 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 temperatur | e: -40°C / +100°C |
|----------------------|---------------------|
| Storage temperatur | e: -40°C / +100°C |