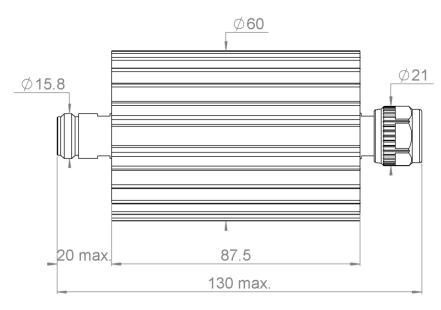
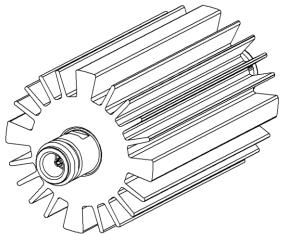




N ATTENUATOR 30 DB 6 GHZ 50W

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



| COMPONENTS | MATERIALS | PLATING (µm) |
|-----------------------|-------------------|-----------------------------------|
| D 1 | PP 400 | 222 |
| Body | BRASS | BBR 3 |
| Male center contact | BERYLLIUM COPPER | GOLD 0.5 OVER NICKEL PHOSPHORUS 2 |
| Female center contact | BERYLLIUM COPPER | GOLD 0.5 OVER NICKEL PHOSPHORUS 2 |
| Outer contact | | |
| Insulator | PTFE | |
| Gasket | SILICONE RUBBER | |
| Substrate | ALUMINIUM NITRIDE | |
| Resistor | THICK FILM | |
| Others parts | ALUMINIUM | BLACK ANODIZATION |



N ATTENUATOR 30 DB 6 GHZ 50W



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ELECTRICAL CHARACTERISTICS

| Frequency (GHz) | DC - 2.5 | 2.5 - 6 |
|-----------------|----------|---------|
| V.S.W.R (≤) | 1.25 | 1.25 |
| Deviation(±dB) | 1.5 | 2.2 |

| Operating Frequency Range | DC - 6 | GHz | |
|---|--------|-----------------------|--|
| Impedance | 50 | Ω | |
| Nominal Attenuation | 30 | dB | |
| Peak power at 25°C (1µs, 1‰) | 2000 | W | |
| Average power at 25°C | 50 | W (Free Air Cooled) | |
| | | W (Conduction Cooled) | |
| Input 50 Watts on N female – 20 Watts max on N male | | | |

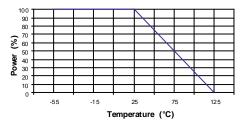
MECHANICAL CHARACTERISTICS

| Connectors | N | Male Female | MIL C39012 |
|------------|----------|-------------|------------|
| Weight | 495,3700 | g | |

ENVIRONMENTAL CHARACTERISTICS

| Operating temperature range | -55/+125 | °C |
|-----------------------------|----------|----|
| Storage temperature range | -55/+125 | °C |

Power derating Versus temperature



SPECIFICATION

OTHER CHARACTERISTICS