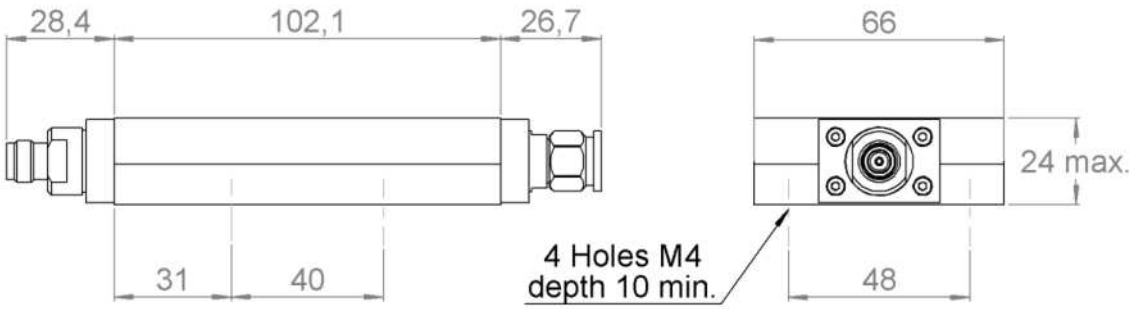
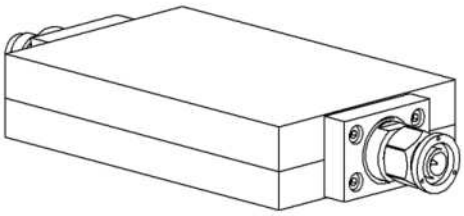
Technical Data Sheet

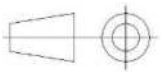
TNC ATTENUATOR 3 DB 2 GHZ 100W

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



COMPONENTS	MATERIALS	PLATING (µm)
Body	**STAINLESS STEEL**	**PASSIVATED**
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	**ALUMINA**	
Resistor	**THICK FILM**	
Others parts	**ALUMINIUM**	**BLACK PAINTING**

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ELECTRICAL CHARACTERISTICS

Frequency (GHz)	**DC - 1**	**1 - 2**
V.S.W.R (≤)	**1.10**	**1.25**
Deviation(±dB)	**1.0**	**1.0**

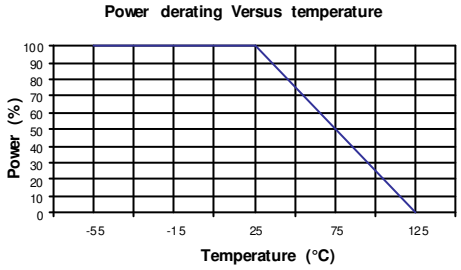
Operating Frequency Range	**DC - 2**	GHz
Impedance	**50**	Ω
Nominal Attenuation	**3**	dB
Peak power at 25°C (1µs, 1‰)	**5000**	W
Average power at 25°C		W (Free Air Cooled)
	100	W (Conduction Cooled)
For conduction cooling, a plate 1000 cm2 x 3 mm(156 sq.in*1/8) min. is required		

MECHANICAL CHARACTERISTICS

Connectors	**TNC**	**Male Female**	**MIL-C 39012**
Weight	**470,5100** g		

ENVIRONMENTAL CHARACTERISTICS

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



SPECIFICATION

OTHER CHARACTERISTICS

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