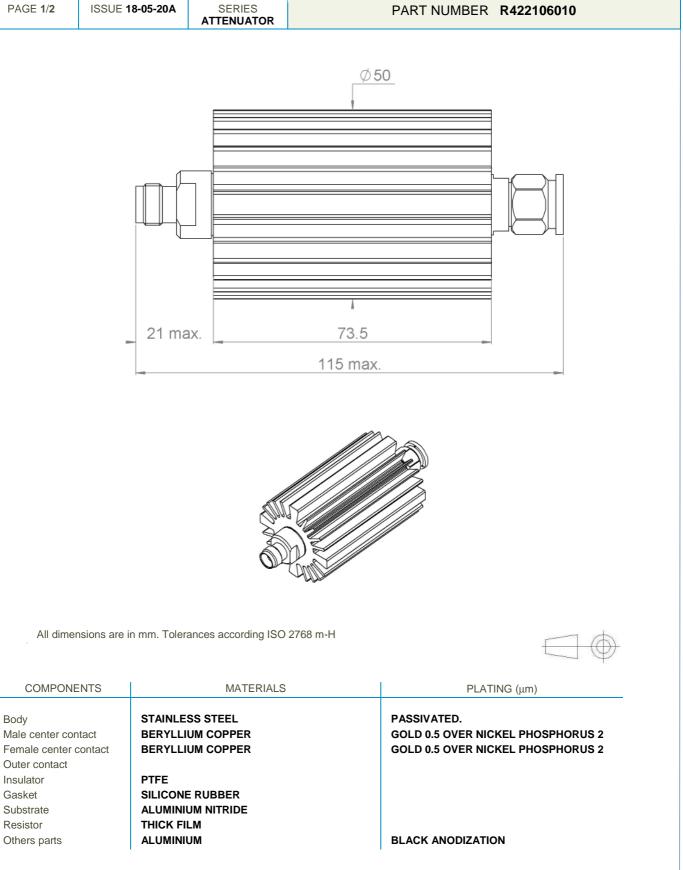
**Technical Data Sheet** 

TNC ATTENUATOR 6 DB 6 GHZ 30W





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## **Technical Data Sheet**



<section-header></section-header>			SSUE 18-05-20A	SERIES ATTENUATOR	PAR	RT NUMBER	R422106010	
Impedance       DC - 6       GHz         Impedance       50       0         Moninal Attenuation       6       dB         Peak power at 25°C (1µs, 1%s)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         Moninal Attenuation       6       dB         Peak power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         Methods       Male Female       ML C3901         Weight       292.61       g         Moninal Attenuation representation representation       ML C3901         Weight       292.61       g         Moninal Mining Amber and the presentation representation       ML C3901         Weight       292.61       g         Moninal Attenuation representation representatio representation representatio representation								
VS.W.R (s)       1.25         Deviation(tdB)       0.75         Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       292,61       g       Mile C39012       Storage temperature range         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C       Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature (°C)         Stora	<u>V.S.W.R.(s)</u> <u>1.25</u> <u>Deviation(tidB)</u> <u>0.75</u> Impedance <u>50</u> <u>0</u> Impedance <u>50</u> <u>0</u> Nominal Attenuation <u>6</u> dB         Peak power at 25°C (1µs, 1%a) <u>2000</u> W         Average power at 25°C <u>30</u> W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled) <u>Methods</u> <u>Mult</u> <u>3012</u> <u>Weight</u> <u>292.61</u> g <u>WILC39012</u> <u>Deviating temperature range</u> <u>-55/4125</u> °C         Storage temperature range <u>-55/4125</u> °C			ELECTR	ICAL CHARACTERISTICS	<u> </u>		
VS.W.R (s)       1.25         Deviation(tdB)       0.75         Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       292,61       g       Mile C39012       Storage temperature range         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C       Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature (°C)         Stora	<u>V.S.W.R.(s)</u> <u>1.25</u> <u>Deviation(tidB)</u> <u>0.75</u> Impedance <u>50</u> <u>0</u> Impedance <u>50</u> <u>0</u> Nominal Attenuation <u>6</u> dB         Peak power at 25°C (1µs, 1%a) <u>2000</u> W         Average power at 25°C <u>30</u> W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled) <u>Methods</u> <u>Mult</u> <u>3012</u> <u>Weight</u> <u>292.61</u> g <u>WILC39012</u> <u>Deviating temperature range</u> <u>-55/4125</u> °C         Storage temperature range <u>-55/4125</u> °C	Frequenc	cv (GHz)	DC - 6				
Deviation(±dB)       0.75         Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%0)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       Mil C39012         Weight       292,61       g         Connectors       TNC       Male Female       Mil C39012         Verget       Generating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Operating temperature range       -55/+125       °C         Output       Operating Versus temperature       Temperature (°C)         SpecificAtion       SpecificAtion	Deviation(sdB)       0.75         Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%a)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W       Conduction Cooled)       W (Conduction Cooled)         W       Connectors       TNC       Male Female       Mil C39012         Weight       292,61       g       Connectors       Mil C39012         Deviating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Operating temperature range       -55/+125       °C         Over derating Versus temperature							
Impedance       50       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%e)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       292,61       g       Storage temperature range       -55/+125 °C         Operating temperature range       -55/+125 °C       Storage temperature range       -55/+125 °C         Storage temperature range       -55/+125 °C       Storage temperature (°C)       Storage temperature (°C)         SPECIFICATION	Impedance       S0       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Veight       292,61       g         Power derating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         9       9       9       -55/+125       °C         Yeight       292,61       g       Tower derating Versus temperature         9       9       -55/+125       °C       Storage temperature range         9       9       -55/+125       °C       Storage temperature range       -55/+125         9       9       9       -5       -5       -5       -5         9       9       -5       -5       -5       -5			0.75				
Impedance       50       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%e)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       292,61       g       Storage temperature range       -55/+125 °C         Operating temperature range       -55/+125 °C       Storage temperature range       -55/+125 °C         Storage temperature range       -55/+125 °C       Storage temperature (°C)       Storage temperature (°C)         SPECIFICATION	Impedance       S0       Ω         Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Veight       292,61       g         Power derating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         9       9       9       -55/+125       °C         Yeight       292,61       g       Tower derating Versus temperature         9       9       -55/+125       °C       Storage temperature range         9       9       -55/+125       °C       Storage temperature range       -55/+125         9       9       9       -5       -5       -5       -5         9       9       -5       -5       -5       -5							
Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         McChANICAL CHARACTERISTICS         Connectors       TNC       Male Female       ML C39012         Weight       292,61       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Verage temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         SECIFICATION       SPECIFICATION	Nominal Attenuation       6       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       292,61       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Veight       292,61       g       Power derating Versus temperature         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Veight       292,61       g       Concector         Dever derating Versus temperature       -55/+125       °C         Veight       292,61       g       Concector         Veight       292,61	-		e				
Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       ML C39012         Weight       292,61       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         90       90       90       90       90         Vower derating Versus temperature         Over derating Versus temperature (°C)         SPECIFICATION	Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       ML C39012         Weight       292,61       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         9       9       9       9         Power derating Versus temperature         9       9       9       9         Power derating Versus temperature         9       9       9       9         AVER derating Versus temperature (°C)         SPECIFICATION							
Average power at 25°C       30       W (Free Air Cooled) W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       ML C39012         Weight       292,61       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Over derating Versus temperature         Over derating Versus temperature (°C)         SPECIFICATION	Average power at 25°C       30       W (Free Air Cooled)         W (Conduction Cooled)         W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       292,61       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Merida to the formation of the storage temperature range       -55/+125       °C         Merida to the formation of the storage temperature range       -55/+125       °C         Merida to the storage temperature range       -55/+125       °C         Over detating Versus temperature         Merida to the storage temperature range         Merida temperature (°C)         SPECIFICATION			0()				
W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       Mil C33012         Weight       292,61 g         CINTRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125 °C         Storage temperature range       -55/+125 °C         Ower derating Versus temperature         Ower derating Versus temperature         Ower derating Versus temperature         Operating Versus temperature (°C)         SPECIFICATION	W (Conduction Cooled)         DECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       Mil C33012         Weight       292,61       g         CINTRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Multicity       -55/+125       °C         Storage temperature range       -55/+125       °C         Multicity       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range         Storage temperature (To			%0)				
MECHANICAL CHARACTERISTICS         Male Female       Mil C39012         Weight       292,61       g         CNURONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Operating temperature range       -55/+125       SPECIFICATION	International distribution of the second distributication of the second distributication of the second distributi	Average	power at 25°C		30			
EVEROMENTAL CHARACTERISTICS <a>Deperating temperature range</a> <a>SSY+125</a> <a>C<a>Strage temperature range</a><a>SSY+125</a><a>COver derating Versus temperatureOver derating Versus temperature<td c<="" th=""><th>EVIRONMENTAL CHARACTERISTICS<a>Derating temperature range</a><a>S5/+125</a><a>O</a><a>Strade temperature range</a><a>S5/+125</a><a>O</a>Over derating Versus temperature</th><th>Connecto</th><th>ors T</th><th>NC</th><th>Male Female</th><th></th><th>MIL C39012</th></td></a></a>	<th>EVIRONMENTAL CHARACTERISTICS<a>Derating temperature range</a><a>S5/+125</a><a>O</a><a>Strade temperature range</a><a>S5/+125</a><a>O</a>Over derating Versus temperature</th> <th>Connecto</th> <th>ors T</th> <th>NC</th> <th>Male Female</th> <th></th> <th>MIL C39012</th>	EVIRONMENTAL CHARACTERISTICS <a>Derating temperature range</a> <a>S5/+125</a> <a>O</a> <a>Strade temperature range</a> <a>S5/+125</a> <a>O</a> Over derating Versus temperature	Connecto	ors T	NC	Male Female		MIL C39012
EVEROMENTAL CHARACTERISTICS <a>Deperating temperature range</a> <a>SSY+125</a> <a>C<a>Strage temperature range</a><a>SSY+125</a><a>COver derating Versus temperatureOver derating Versus temperature<td c<="" th=""><th>EVIRONMENTAL CHARACTERISTICS<a>Deperating temperature range</a><a>S5/+125</a><a>C<a>Stradge temperature range</a><a>Stradge temperature range</a><a>Stradge temperature range</a>Over derating Versus temperatureOver derating Versus temperatureOve</a></th><th>\\/oight</th><th></th><th></th><th></th><th></th><th></th></td></a></a>	<th>EVIRONMENTAL CHARACTERISTICS<a>Deperating temperature range</a><a>S5/+125</a><a>C<a>Stradge temperature range</a><a>Stradge temperature range</a><a>Stradge temperature range</a>Over derating Versus temperatureOver derating Versus temperatureOve</a></th> <th>\\/oight</th> <th></th> <th></th> <th></th> <th></th> <th></th>	EVIRONMENTAL CHARACTERISTICS <a>Deperating temperature range</a> <a>S5/+125</a> <a>C<a>Stradge temperature range</a><a>Stradge temperature range</a><a>Stradge temperature range</a>Over derating Versus temperatureOver derating Versus temperatureOve</a>	\\/oight					
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<sup>(g)</sup> <sup>1</sup> <sup>g</sup>	G G G G G G G G G G G G G G G G G G G							
<b>Specification</b>	<b>Specification</b>			Power	derating Versus temperature			
-55 -15 25 75 125 Temperature (°C)	-55 -15 25 75 125 Temperature (°C) SPECIFICATION			100	· derating Versus temperature	<del>] ]</del>		
-55 -15 25 75 125 Temperature (°C)	-55 -15 25 75 125 Temperature (°C) SPECIFICATION				derating Versus temperature			
• + + + + + + + + + + + + + + + + + + +	-55 -15 25 75 125 Temperature (°C) SPECIFICATION				derating Versus temperature			
Temperature (°C) <u>SPECIFICATION</u>	Temperature (°C) <u>SPECIFICATION</u>			Power (%) Power (%) 00 00 00 00 00 00 00 00 00 00 00 00 00	derating Versus temperature			
				Bomer (%) Bomer (%)				
				Bomer (%) Bomer (%)	-15 25 75	125		
OTHER CHARACTERISTICS	OTHER CHARACTERISTICS			Bomer (%) Bomer (%)	-15 25 75 Temperature (°C)	125		
OTHER CHARACTERISTICS	OTHER CHARACTERISTICS			Bomer (%) Bomer (%)	-15 25 75 Temperature (°C)	125		
<u>OTHER CHARACTERISTICS</u>				Bomer (%) Bomer (%)	-15 25 75 Temperature (°C)	125		
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				(%) <b>HANG</b> (%) <b>HANG</b>	-15 25 75 Temperature (°C)	125		
				(%) <b>HANG</b> (%) <b>HANG</b>	-15 25 75 Temperature (°C)	125		
				(%) <b>HANG</b> (%) <b>HANG</b>	-15 25 75 Temperature (°C)	125		
				(%) <b>HANG</b> (%) <b>HANG</b>	-15 25 75 Temperature (°C)	125		
				(%) <b>HANG</b> (%) <b>HANG</b>	-15 25 75 Temperature (°C)	125		

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