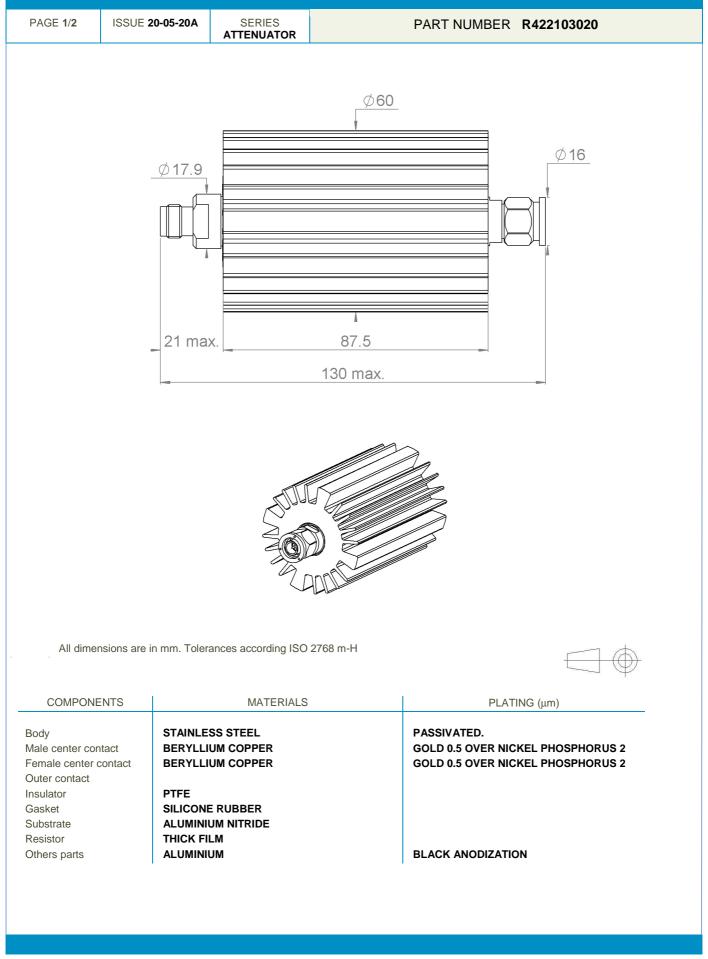
**Technical Data Sheet** 

TNC ATTENUATOR 3 DB 6 GHZ 50W





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## **Technical Data Sheet**



		ISSUE 20-0	5-20A	SERIES ATTENUATOR	PART	NUMBER	R422103020	
Impedance       DC - 6       GHz         Impedance       3       dB         Peak power at 25°C (1µs, 1%0)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         Methods       Male Female       ML C3901         Meight       481       g         Dereating temperature range         Spirit y terms         Dereating temperature range         Spirit y terms         Out derived y terms         Methods y terms         Methods y terms         Out derived y terms         Methods y terms         Out derived y terms         Out derived y terms         Methods y terms         Out derived y terms <td co<="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td>	<th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
VS.W.R (s)       1.25         Deviation(t3B)       0.75         Impedance       50       0         Nominal Attenuation       3       dB         Peak power at 25°C       50       W (Free Air Cooled)         Average power at 25°C       50       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       Mil C39012         Weight       481       g         Connectors in the mperature 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 range       -55/+125       °C         Storage temperature (°C)         Storage t				ELECTR	RICAL CHARACTERISTICS			
VS.W.R (s)       1.25         Deviation(t3B)       0.75         Impedance       50       0         Nominal Attenuation       3       dB         Peak power at 25°C       50       W (Free Air Cooled)         Average power at 25°C       50       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       Mil C39012         Weight       481       g         Connectors in the mperature 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 range       -55/+125       °C         Storage temperature (°C)         Storage t	Fre	quency (GHz)		DC - 6				
Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C       50       W (Free Air Cooled)         Average power at 25°C       50       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         Mult C39012       W (Conduction Cooled)         Meight       481       g         Chrometors TNC Male Female Mill C39012         Weight       481       g         Operating temperature range         Operating temperature (c)         Storage tem	V.S	.W.R (≤)		1.25				
Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       481       g       Storage temperature range       -556/+125 °C         Storage temperature range       -556/+125 °C         Storage temperature range       -556/+125 °C         Vewer derating Versus temperature         Meretating Versus temperature         Storage temperature range       -556/+125 °C         Storage temperature (°C)         SPECIFICATION	Dev	viation(±dB)		0.75				
Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       481       g       Storage temperature range       -556/+125 °C         Storage temperature range       -556/+125 °C         Storage temperature range       -556/+125 °C         Vewer derating Versus temperature         Meretating Versus temperature         Storage temperature range       -556/+125 °C         Storage temperature (°C)         SPECIFICATION								
Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       481 g       Generating temperature range       -55/+125 °C         Storage temperature range       -55/+125 °C         Storage temperature range       -55/+125 °C       Storage temperature range         Meer derating Versus temperature         Image: Storage temperature range       -55/+125 °C         Storage temperature range         Image: Storage temperature range       -55/+125 °C         Storage temperature range         Image: Storage temperature range       -55/+125 °C         Storage temperature range         Storage temperature (°C)         SPECIFICATION			cy Range	!				
Peak power at 25°C (1µs, 1%a)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       ML C39012         Weight       481       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Ower derating Versus temperature         Ower derating Versus temperature         Merid derating Versus temperature         Ower derating Versus temperature         Ower derating Versus temperature         Weight         Over derating Versus temperature         SECIFICATION			-					
Average power at 25°C       50       W (Free Air Cooled) W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL C39012         Weight       481       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Over derating Versus temperature         Over derating Versus temperature range         Over derating Versus temperature         Over derating Versus temperature range         Over derating Versus temperature         Over derating Versus temperature range         Over derating Versus temperature         OVER derating Versus temperature range         OVER derating Versus temperature (°C)         SPECIFICATION				(A)				
W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       Mil C39012         Weight       481       g         CINIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Ower derating Versus temperature         Ower derating Versus temperature         Output         Over derating Versus temperature         OVER derating Versus temperature (°C)         SPECIFICATION				/60)				
MECHANICAL CHARACTERISTICS         Maie Female       MIL C39012         Weight       481       g         CINTRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Very derating Versus temperature       -55/+125       °C         Very derating Very derating Versus temperature       -55/+125       °C         Very derating Versus temperature       -55/+125       °C         Very derating Very	7.00	lage power at 2	.5 0					
Weight       481 g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125 °C         Storage temperature range       -55/+125 °C         Power derating Versus temperature         0         Operating temperature range         -55/+125 °C         Storage temperature range         Operating Versus temperature         0         Operating Versus temperature         0         Operating Versus temperature         0         Operating Versus temperature         0         Operating Versus temperature         Operating Versus temperature </th <th></th> <th></th> <th></th> <th>MECHAI</th> <th>NICAL CHARACTERISTICS</th> <th></th> <th></th>				MECHAI	NICAL CHARACTERISTICS			
ENVIRONMENTAL CHARACTERISTICS <a href="piperating temperature range">piperature range</a> <a href="piperature-style">-55/+125</a> <a href="piperature-style">C</a> Over derating Versus temperatureOver derating Versus temperature <td colspan<="" td=""><td></td><td></td><td>TN</td><td></td><td>Male Female</td><td> </td><td>MIL C39012</td></td>	<td></td> <td></td> <td>TN</td> <td></td> <td>Male Female</td> <td> </td> <td>MIL C39012</td>			TN		Male Female		MIL C39012
Operating temperature range-55/+125CStorage temperature range-55/+125C	vvei	gnt		<b>48</b> 1 g				
Image: constraint of the second se			0.0.		de -55	/ <b>+125</b> °C		
Image: constraint of the second se				age temperature ran	ge -55	<b>/+125</b> °C		
y y y y y y y y y y y y y y y y y y y					<u> </u>	/ <b>+125</b> °C		
10 -55 -15 25 75 125 Temperature (°C) SPECIFICATION				Powe	<u> </u>	<b>/+125</b> °C		
10 -55 -15 25 75 125 Temperature (°C) SPECIFICATION				100 90	<u> </u>	/+125 °C		
10 -55 -15 25 75 125 Temperature (°C) SPECIFICATION				Powe	<u> </u>	/+125 °C		
-55 -15 25 75 125 Temperature (°C) SPECIFICATION				Powe	<u> </u>	/+125 °C		
Temperature (°C) <u>SPECIFICATION</u>				Powe 100 90 (%) 50 100 (%) 50 100 100 100 100 100 100 100 1	<u> </u>	/+125 °C		
				Powe 100 90 70 (%) 190 40 100 100 100 100 100 100 100	r derating Versus temperature			
				Powe 100 90 70 (%) 190 40 100 100 100 100 100 100 100	r derating Versus temperature			
OTHER CHARACTERISTICS				Powe 100 90 70 (%) 190 40 100 100 100 100 100 100 100	r derating Versus temperature			
OTHER CHARACTERISTICS				Powe 100 90 70 (%) 190 40 100 100 100 100 100 100 100	r derating Versus temperature			
				Powe 100 90 70 (%) 190 40 100 100 100 100 100 100 100	r derating Versus temperature			
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