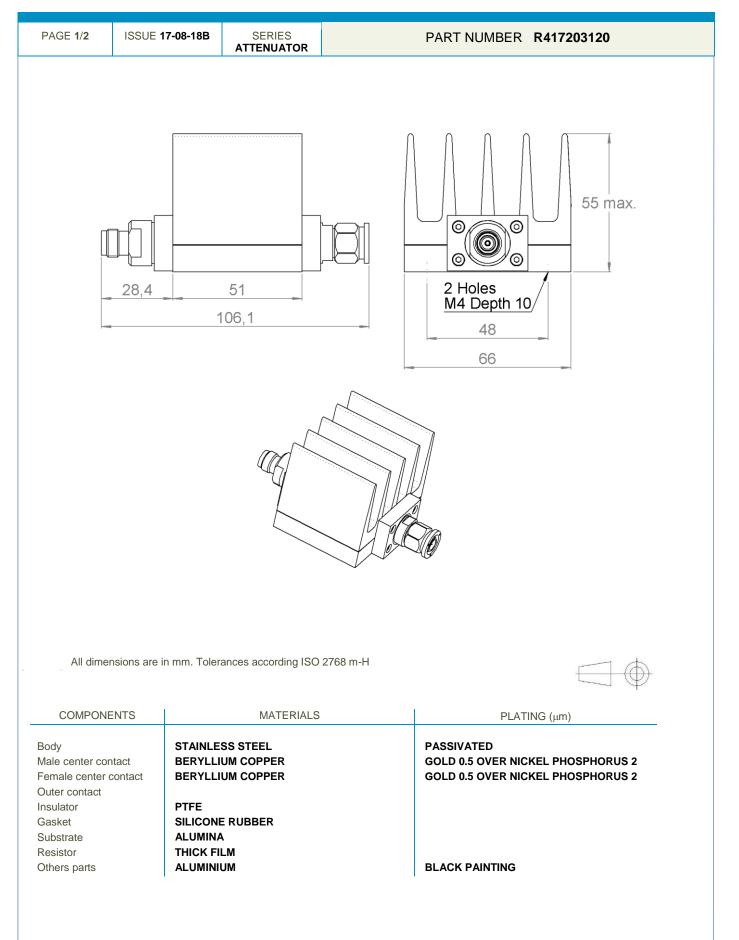
**Technical Data Sheet** 

TNC ATTENUATOR 3 DB 3 GHZ 50W





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## **Technical Data Sheet**

TNC ATTENUATOR 3 DB 3 GHZ 50W



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Prequency (GHz)       DC-1       1-2       2-3         M.W.R (s)       1.10       1.23       1.35         Deviation(±dB)       0.7       0.7       0.7         Operating Frequency Range       DC-3       GHz         Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%o)       5000       W         Average power at 25°C (1µs, 1%o)       50       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       WIL-C 39012         Connectors       TNC       Male Female       MIL-C 39012         Veight       342,9300       g       G         Connectors TNC Male Female       MIL-C 39012         Veight       342,9300       g       G         Connectors TNC Male Female       MIL-C 39012         Operating temperature range       -55 / 4125       °C         Storage temperature range       -55 / 4125       °C         Storage temperature range       -55 / 4125         Operating temperature range       -55 / 4125         Operating temperature range         Operating temperature range <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>										
Prequency (GHz)       DC-1       1-2       2-3         M.W.R (s)       1.10       1.23       1.35         Deviation(±dB)       0.7       0.7       0.7         Operating Frequency Range       DC-3       GHz         Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%o)       5000       W         Average power at 25°C (1µs, 1%o)       50       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       WIL-C 39012         Connectors       TNC       Male Female       MIL-C 39012         Veight       342,9300       g       G         Connectors TNC Male Female       MIL-C 39012         Veight       342,9300       g       G         Connectors TNC Male Female       MIL-C 39012         Operating temperature range       -55 / 4125       °C         Storage temperature range       -55 / 4125       °C         Storage temperature range       -55 / 4125         Operating temperature range       -55 / 4125         Operating temperature range         Operating temperature range <t< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td>-</td><td></td><td></td></t<>				_				-		
VS.W.R.(s)       1.10       1.25       1.35         Deviation(±dB)       0.7       0.7       0.7         Impedance       50       Ω         Impedance       3       dB         Peak power at 25°C (1µs, 1%e)       5000       W         Average power at 25°C (1µs, 1%e)       500       W (Conduction Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       ML-C 30012         Connectors       TNC       Male Female       ML-C 30012         Veight       342,9300       g				<u>E</u>	LECTR	ICAL CHA	RACTERISTIC	<u>:S</u>		
VS.W.R.(s)       1.10       1.25       1.35         Deviation(±dB)       0.7       0.7       0.7         Impedance       50       Ω         Impedance       3       dB         Peak power at 25°C (1µs, 1%e)       5000       W         Average power at 25°C (1µs, 1%e)       500       W (Conduction Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       ML-C 30012         Connectors       TNC       Male Female       ML-C 30012         Veight       342,9300       g	Frequ	uency (GHz)		DC - 1		1 - 2	2 - 3			
Coperating Frequency Range       DC - 3       GHz         Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C       40       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       So       W (Conduction Cooled) <b>ENVIRONMENTAL CHARACTERISTICS</b> Connectors       TNC       Male Female       ML-C 39012         Weight       342,9300       g       So       °C         Storage temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C       So         Storage temperature range         Generating Versus temperature         Gui derating Versus temperature         Gui derating Versus temperature         Storage temperature (°C)         SPECIFICATION	V.S.W.R (≤)				1.25		1.35			
Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%a)       5000       W         Average power at 25°C       40       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL-C 39012         Weight       342,9300       g       Storage temperature range       -55 /+125 °C         Connectors TNC Male Female MIL-C 39012         Weight       342,9300       g         Device derating 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 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	Devia	ation(±dB)		0.7		0.7	0.7			
Impedance       50       Ω         Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%a)       5000       W         Average power at 25°C       40       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL-C 39012         Weight       342,9300       g       Storage temperature range       -55 /+125 °C         Connectors TNC Male Female MIL-C 39012         Weight       342,9300       g         Device derating 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 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										
Nominal Attenuation       3       dB         Peak power at 25°C (1µs, 1%o)       5000       W         Average power at 25°C       40       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Conduction Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       MIL-C 39012         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL-C 39012         Weight       342,9300       g       Storage temperature range       -55 /+125       °C         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Ower derating Versus temperature         9       9       -55 /+125       °C         Storage temperature range       -55 /+125       °C       Storage temperature (TC)         SPECIFICATION					DC - 3					GHz
Peak power at 25°C (1µs, 1%o)       5000       W         Average power at 25°C       40       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL-C 39012         Weight       342,9300       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Over derating Versus temperature				50						
Average power at 25°C     40     W (Free Air Cooled)       For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required     W (Conduction Cooled)       Environmentation     MECHANICAL CHARACTERISTICS       Connectors     TNC     Male Female     ML-C 39012       Weight     342,9300 g     g   Environmentation content in the state of the stat										
50       W (Conduction Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       ML-C 39012         Weight       342,9300       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Verget derating Versus temperature       -55 /+125       °C         Verget derating Versus temperature (°C)       SPECIFICATION				%0)						
For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required         MECHANICAL CHARACTERISTICS         Connectors       TNC       Male Female       MIL-C 39012         Weight       342,9300       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Power derating Versus temperature         g       g       g       g         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Storage temperature (renge derating Versus temperature         G       G         Storage temperature (renge derating Versus temperature         G         Storage temperature (renge derating Versus temperature (renge derating Versus temperature (renge derature derature (renge derature derature (renge derature derature (renge derature derature derature derature derature (renge derature derature derature derature derature (renge derature derature derature derature (renge de	Average power at 25°C									
DECHANCE CHARACTERISTICSMode from to minimize the state of the	For c	onduction cod	oling, a	plate 500 cm	2 x 3 m	nm(78 sa.in		auired		
ConectorsTNCMale FemaleMIL-C 3901Weight342,9300g						· ·				
ConectorsTNCMale FemaleMIL-C 39012Weight342,9300g										
Weight       342,9300       g         ENVIRONMENTAL CHARACTERISTICS <u>Operating temperature range</u> -55 /+125       °C            Storage temperature range       -55 /+125       °C            Power derating Versus temperature <u>of the storage temperature range           -55 /+125       °C            <u>vert derating Versus temperature           <u>of the storage temperature           <u>of the storage temperature           <u>of the storage temperature             <u>vert derating Versus temperature           <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         <u>storage t</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>				M	ECHAN	NICAL CHA	RACTERISTIC	<u>:S</u>		
Weight       342,9300       g         ENVIRONMENTAL CHARACTERISTICS <u>Operating temperature range</u> -55 /+125       °C            Storage temperature range       -55 /+125       °C            Power derating Versus temperature <u>of the storage temperature range           -55 /+125       °C            <u>vert derating Versus temperature           <u>of the storage temperature           <u>of the storage temperature           <u>of the storage temperature             <u>vert derating Versus temperature           <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>storage temperature         <u>of the storage temperature         <u>of the storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         </u> <u>storage temperature         </u> <u>storage temperature         <u>storage temperature         <u>storage t</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>	Conn	ectors	TN	IC		Male Fe	emale			MIL-C 39012
ENVIRONMENTAL CHARACTERISTICS <a c_"="" href="piperature range55/+125"></a> <a c"="" href="piperature range55/+125"></a> <a c"="" href="piperature range55/+125"></a> Ower derating Versus temperatureOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutputOutpu					a	maiori				
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(v) vo					Power	derating Ver	sus temperature			
Temperature (°C)					Power	derating Ver	sus temperature			
Temperature (°C)				90	Power	derating Ver	sus temperature			
-55 -15 25 75 125 Temperature (°C) SPECIFICATION				90 80 70 60 50	Power	derating Ver	sus temperature			
Temperature (°C) <u>SPECIFICATION</u>				90 80 70 60 50	Power	derating Ver	sus temperature			
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				90 00000000000000000000000000000000000	-55	-15 2 Temper	5 75 rature (°C)	125		

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