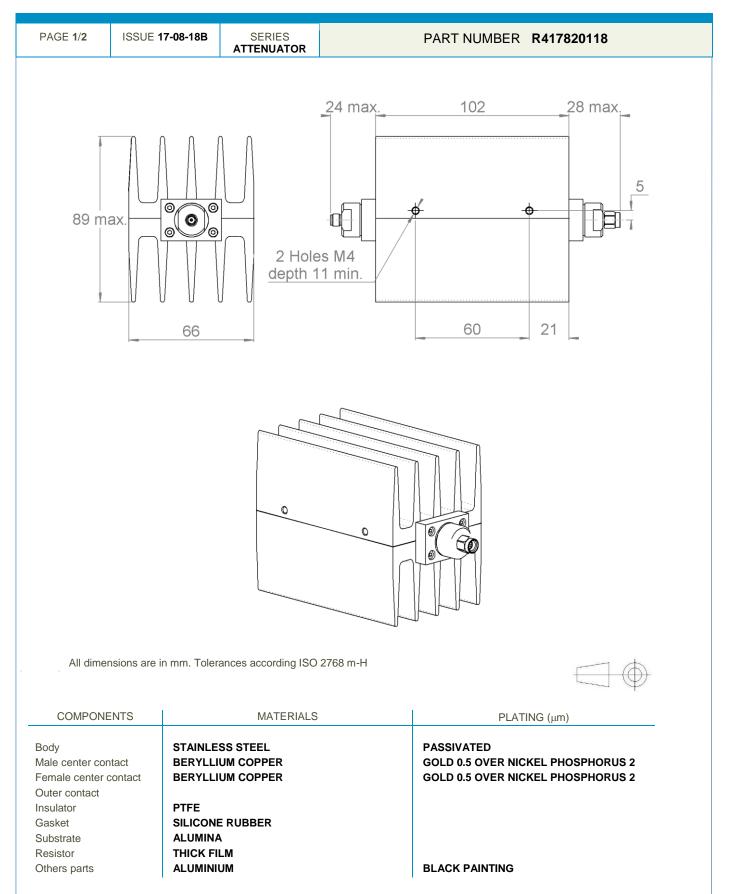
## **Technical Data Sheet**

SMA ATTENUATOR 20 DB 2 GHZ 80W





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## **Technical Data Sheet**



	E 2/2 ISSUE 17-08-18B		8-18B	SERIE ATTENUA		PAR	T NUMBEF	R R417820118	
V.S.W.R.(s)       1.10       1.25         Deviation(tdB)       1.0       1.0         Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS       MIL-C 39012         Connectors       SMA       Male Female       MIL-C 39012         Weight       750,4400       g       Storage temperature range       -55 /+125 °C         Storage temperature range       -55 /+125 °C       °C       Storage temperature range       -55 /+125 °C         Storage temperature range       -55 /+125 °C       °C       Storage temperature range       -25 /+125 °C         Storage temperature range       -15 /+125 °C       °C       Storage temperature range       -25 /+125 °C         Storage temperature range       -15 /+125 °C       °C       Storage temperature (°C)       SPECIFICATION				E	LECTRICAL CH	ARACTERISTICS			
V.S.W.R.(s)       1.10       1.25         Deviation(tdB)       1.0       1.0         Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS       MIL-C 39012         Connectors       SMA       Male Female       MIL-C 39012         Weight       750,4400       g       Storage temperature range       -55 /+125 °C         Storage temperature range       -55 /+125 °C       °C       Storage temperature range       -55 /+125 °C         Storage temperature range       -55 /+125 °C       °C       Storage temperature range       -25 /+125 °C         Storage temperature range       -15 /+125 °C       °C       Storage temperature range       -25 /+125 °C         Storage temperature range       -15 /+125 °C       °C       Storage temperature (°C)       SPECIFICATION	Free	quency (GHz)		DC - 1	1 - 2	7			
Operating Frequency Range       DC - 2       GHz         Impedance       50       Ω         Peak power at 25°C (1µs, 1%o)       50000       W         Average power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)       W (Conduction Cooled) <u>MECHANICAL CHARACTERISTICS</u> Connectors       SMA       Male Female       ML-C 39012         Weight       750,4400       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         1       Operating Versus temperature       -55 /+125       °C         Storage temperature range       -55 /+125       °C         1       Operating Versus temperature       -55 /+125       °C         Storage temperature range         Operating Versus temperature         1       -0       -0       -0         1       -0       -0       -0       -0         2       -0       -0       -0       -0         2       -0       -0       -0       -0         2       -0       -0<						-			
Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C (1µs, 1%o)       50000       W         Average power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       SMA       Male Female       MIL-C 39012         Weight       750,4400       g       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         SpecificAtion         SPECIFICATION	Dev	riation(±dB)		1.0	1.0				
Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C (1µs, 1%o)       50000       W         Average power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       SMA       Male Female       MIL-C 39012         Weight       750,4400       g       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         SpecificAtion         SPECIFICATION									
Nominal Attenuation       20       dB         Peak power at 25°C (fµs, 1%o)       5000       W         Average power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled         MECHANICAL CHARACTERISTICS         Connectors       SMA       Male Female       MIL-C 39012         Weight       750,4400       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Veriance to the storage temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Veriance to the storage temperature range       -55 /+125       °C         Storage temperature range         Veriance to the storage temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         Veriance to the storage temperature range       -55 /+125       °C         Specification       Specification			y kange						
Peak power at 25°C (1µs, 1%o)       5000       W         Average power at 25°C       80       W (Free Air Cooled)         W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       SMA       Male Female       ML-C 39012         Weight       750,4400       g       Connectors       SMA       Male Female       ML-C 39012         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       55 /+125 °C       °C         Storage temperature range       -55 /+125 °C       °C         Storage temperature range       -55 /+125 °C         Storage temperature range         Storage temperature range <td colsp<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Average power at 25°C     80     W (Free Air Cooled) W (Conduction Cooled       MECHANICAL CHARACTERISTICS       Connectors     SMA     Male Female     MiL-C 39012       Weight     750,4400     g       ENVIRONMENTAL CHARACTERISTICS       Operating temperature range     -55 /+125     °C       Storage temperature range     -55 /+125     °C				%0)					
W (Conduction Cooled         MECHANICAL CHARACTERISTICS         Connectors       SMA       Male Female       ML-C 39012         Weight       750,4400       g         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55/+125       *C         Storage temperature range       -55/+125       *C         Ver derating Versus temperature       -55/+125       *C         Ver derating Versus temperature       -55/+125       *C         Ver derating Versus temperature       -55/+125       *C         SpecificAtion       SPECIFICATION       SPECIFICATION				,					
ConnectorsSMAMale FemaleMIL-C 39012Weight750,4400gCDIRCOMMENTAL CHARACTERISTICSOperating temperature range-55/+125°CStorage temperature range-55/+125°COver derating Versus temperatureOver derating Versus temperature (*C)SECIFICATION								W (Conduction Cooled)	
Operating temperature range-55 /+125°CStorage temperature range-55 /+125°C			SN			Female		MIL-C 39012	
Operating temperature range-55 /+125°CStorage temperature range-55 /+125°C			SN			Female		MIL-C 39012	
Storage temperature range-55 /+125°C			SN			Female		MIL-C 39012	
Power derating Versus temperature			SM	750,4400	g		<u>:s</u>	MIL-C 39012	
image: constrained of the second of the s			Оре	750,4400 ENV	g /IRONMENTAL (	CHARACTERISTIC	<b>i /+125</b> °C	MIL-C 39012	
image: constrained of the second of the s			Оре	750,4400 ENV	g /IRONMENTAL (	CHARACTERISTIC	<b>i /+125</b> °C	MIL-C 39012	
image: constrained of the second of the s			Оре	750,4400 ENV	g /IRONMENTAL (	CHARACTERISTIC	<b>i /+125</b> °C	MIL-C 39012	
(v) v) v) v) v) v) v) v) v) v)			Оре	750,4400 ENV	g /IRONMENTAL ( rature range ure range	CHARACTERISTIC -55 -55	<b>i /+125</b> °C	MIL-C 39012	
<b>b</b> <b>b</b> <b>c</b> <b>c</b> <b>c</b> <b>c</b> <b>c</b> <b>c</b> <b>c</b> <b>c</b>			Оре	750,4400 EN\ rating temper age temperat	g /IRONMENTAL ( rature range ure range	CHARACTERISTIC -55 -55	<b>i /+125</b> °C	MIL-C 39012	
SPECIFICATION			Оре	750,4400 EN\ rating temper age temperat	g /IRONMENTAL ( rature range ure range	CHARACTERISTIC -55 -55	<b>i /+125</b> °C	MIL-C 39012	
Temperature (°C)			Оре	750,4400 <u>ENV</u> rating temperat age temperat	g /IRONMENTAL ( rature range ure range	CHARACTERISTIC -55 -55	<b>i /+125</b> °C	MIL-C 39012	
-55 -15 25 75 125 Temperature (°C) SPECIFICATION			Оре	750,4400 <u>ENV</u> rating temper age temperat	g /IRONMENTAL ( rature range ure range	CHARACTERISTIC -55 -55	<b>i /+125</b> °C	MIL-C 39012	
SPECIFICATION			Оре	750,4400 <u>ENV</u> rating temper age temperat	g /IRONMENTAL ( rature range ure range	CHARACTERISTIC -55 -55	<b>i /+125</b> °C	MIL-C 39012	
			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL ( ature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature	5 /+125 °C 5 /+125 °C	MIL-C 39012	
			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL ( ature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature	5 /+125 °C 5 /+125 °C	MIL-C 39012	
OTHER CHARACTERISTICS			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL ( rature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature	5 /+125 °C 5 /+125 °C	MIL-C 39012	
OTHER CHARACTERISTICS			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL ( rature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature	5 /+125 °C 5 /+125 °C	MIL-C 39012	
OTHER CHARACTERISTICS			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL ( rature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature	5 /+125 °C 5 /+125 °C	MIL-C 39012	
			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL C rature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature 25 75 12 erature (°C)	5 /+125 °C 5 /+125 °C	MIL-C 39012	
			Оре	750,4400 <u>ENV</u> rating temper age temperat	g //RONMENTAL C rature range ure range Power derating V	CHARACTERISTIC -55 -55 ersus temperature 25 75 12 erature (°C)	5 /+125 °C 5 /+125 °C	MIL-C 39012	

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