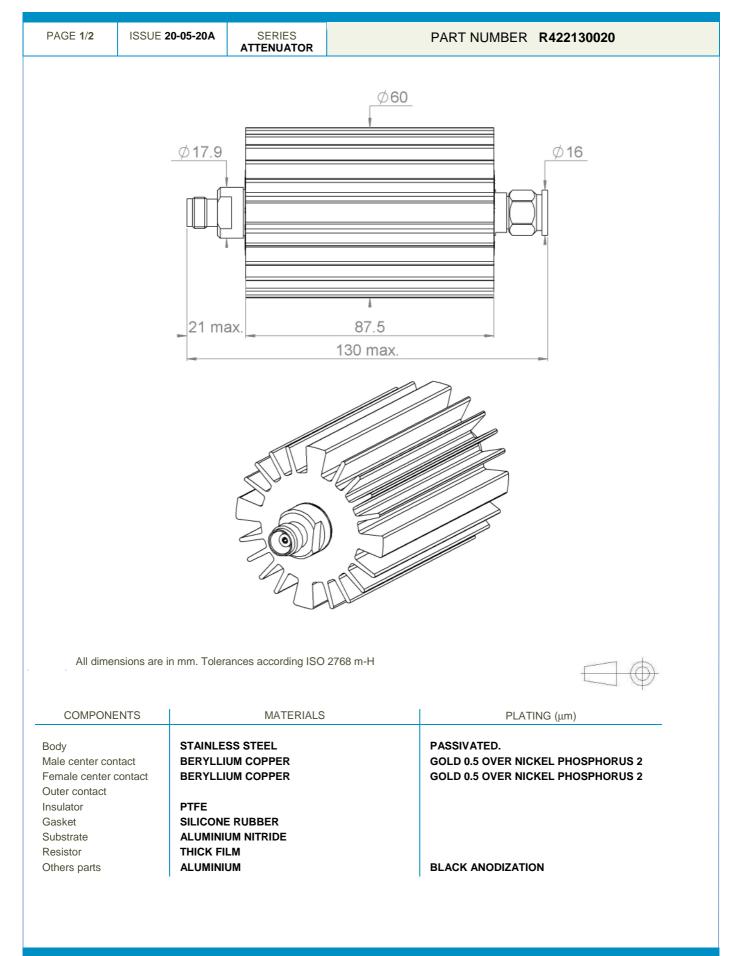
Technical Data Sheet

TNC ATTENUATOR 30 DB 6 GHZ 50W





This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

Technical Data Sheet



<section-header></section-header>		BE 2/2	ISSUE	20-05-20A	SERIES ATTENUATO	DR	PART NUMBEI	R R422130020
125 125 15 22					ELE	ECTRICAL CHA	ARACTERISTICS	
125 125 15 22	Impedance	- Fro		I_)		25 6	7	
Impaining frequency Range DC - 6 GHz Impaining frequency Range BO - 6 GHz Impaining Attenuation 30 GB Septement at 25°C (fyg. 1%a) 2000 W (Free Air Cooled) Microare power at 25°C W (Free Air Cooled) W (Conduction Cooled) Microare power at 25°C Male Female MIC C3001 Microare power at 25°C Male Female MIC C3001 Microare power at 25°C Male Female MIC C3001 W (Conduction Cooled) W (Conduction Cooled) W (Conduction Cooled) Microare power at 25°C Male Female MIC C3001 Microare power power at 25°C Microare power	Deviation(tidB)1.52.2 			IZ)			-	
ImpedanceDC - 6GHzImpedance50QDevelopment at 25°C2000W (Conduction Cooled)Metrage power at 25°CS0W (Conduction Cooled)Metrage power at 25°CMetrageMetrage power at 25°CMetrage <td>ImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedance</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>	ImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedanceImpedance						-	
Impedance 50 Ω Nominal Attenuation 30 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 ML C39012 Weight 483,53 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range -55/+125 °C Storage temperature range -55/+125 °C 9 9 9 9 Over derating Versus temperature (°) Storage temperature range Over derating Versus temperature (°) Storage temperature range Over derating Versus temperature (°) Storage temperature (°) Storage t	Impedance 50 Ω Nominal Attenuation 30 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 ML C39012 Weight 483,53 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range -55/+125 °C Storage temperature range -55/+125 °C 9 9 9 9 Over derating Versus temperature (°) Storage temperature range Over derating Versus temperature (°) Storage temperature range Over derating Versus temperature (°) Storage temperature (°) Storage t	DO	nation(±ab)					
Impedance 50 Ω Nominal Attenuation 30 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 ML C39012 Weight 483,53 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range -55/+125 °C Storage temperature range -55/+125 °C 9 9 9 9 Power derating Versus temperature (°c) Storage temperature range -55/+125 °C 9 9 9 Operating Versus temperature (°c) SPECIFICATION	Impedance 50 Ω Nominal Attenuation 30 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 ML C39012 Weight 483,53 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range -55/+125 °C Storage temperature range -55/+125 °C 9 9 9 9 Power derating Versus temperature (°c) Storage temperature range -55/+125 °C 9 9 9 Operating Versus temperature (°c) SPECIFICATION	Ope	erating Freg	uencv Range	9		DC - 6	GHz
Nominal Attenuation 30 dB Peak power at 25°C (1µs, 1%6) 2000 W Average power at 25°C 50 W (Free Air Cooled) W (Conduction Cooled) W (Conduction Cooled) ENECHANCAL CHARACTERISTICS Main femperature range -55/+125 °C Storage temperature	Nominal Attenuation 30 dB Peak power at 25°C (1µs, 1%6) 2000 W Average power at 25°C 50 W (Free Air Cooled) W (Conduction Cooled) W (Conduction Cooled) ENECHANCAL CHARACTERISTICS Main femperature range -55/+125 °C Storage temperature			jj-				
Average power at 25°CØ (Free Air Cooled)W (Conduction Cooled)W (Conduction Cooled)MECHANCE CHARACTERISTICSMais FemaleML C39012Weight483,53gCNEROMENTAL CHARACTERISTICSDerating temperature range-55/+125Ciorage temperature range-55/+125Ciorage temperature range-55/+125Order of the state of the st	Average power at 25°CØ (Free Air Cooled)W (Conduction Cooled)W (Conduction Cooled)MECHANCE CHARACTERISTICSMais FemaleML C39012Weight483,53gCNEROMENTAL CHARACTERISTICSDerating temperature range-55/+125Ciorage temperature range-55/+125Ciorage temperature range-55/+125Order of the state of the st			ation			30	
Average power at 25°C S0 W (Free Air Cooled) W (Conduction Cooled) W (Conduction Cooled) Main Female ML C39012 Main Female ML C39012 Weight 483,53 g CINCOMENTAL CHARACTERISTICS Depending temperature range -55/+125 °C Storage temperature range -55/+125 °C Outgoing	Average power at 25°C S0 W (Free Air Cooled) W (Conduction Cooled) W (Conduction Cooled) Main Female ML C39012 Main Female ML C39012 Weight 483,53 g CINCOMENTAL CHARACTERISTICS Depending temperature range -55/+125 °C Storage temperature range -55/+125 °C Outgoing	Pea	k power at 2	25°C (1µs, 1	%0)		2000	W
MECHANICAL CHARACTERISTICS Maie Female Mil C39012 Weight 483,53 g CONTENTION CHARACTERISTICS OPERating temperature range	MECHANICAL CHARACTERISTICS Maie Female Mil C39012 Weight 483,53 g CONTENTION CHARACTERISTICS OPERating temperature range						50	W (Free Air Cooled)
Omegane NM Male Female ML C3012 Vigiti 483,53 g DIFICIPITIE CHARACTERISTICS Omeganing temperature range -55/+125 °C Der der der greus temperature Omeganing Omeganing -55/+125 °C Der der der greus temperature Omeganing Omeganing Omeganing Omeganing Der der der greus temperature Omeganing Omeganing Omeganing Omeganing Der der der greus temperature Omeganing Omeganing Omeganing Omeganing Der Der d	Omegane NM Male Female ML C3012 Vigiti 483,53 g DIFICIPITIE CHARACTERISTICS Omeganing temperature range -55/+125 °C Der der der greus temperature Omeganing Omeganing -55/+125 °C Der der der greus temperature Omeganing Omeganing Omeganing Omeganing Der der der greus temperature Omeganing Omeganing Omeganing Omeganing Der der der greus temperature Omeganing Omeganing Omeganing Omeganing Der Der d							W (Conduction Cooled)
Operating temperature range-55/+125°CStorage temperature range-55/+125°C	Operating temperature range-55/+125°CStorage temperature range-55/+125°C					·		
Storage temperature range-55/+12°CPower derating Versus temperature00000000000000000000000000000000000	Storage temperature range-55/+12°CPower derating Versus temperature00000000000000000000000000000000000							
Storage temperature range-55/+12°CPower derating Versus temperature00000000000000000000000000000000000	Storage temperature range-55/+12°COver derating Versus temperature00000000000000000000000000000000000				ENVIF	_	HARACTERISTICS	
Power derating Versus temperature	Power derating Versus temperature					RONMENTAL CI		_
100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 1	(v) y y y y y y y y y y y y y y y y y y y				erating temperate	RONMENTAL CI	-55/+125 °C	-
100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 1	(v) y y y y y y y y y y y y y y y y y y y				erating temperate	RONMENTAL CI	-55/+125 °C	
(g) for the second seco	(v) v v v v v v v v v v v v v v v v v v				erating temperate	RONMENTAL CI	-55/+125 °C	
					erating temperate	RONMENTAL Cl ure range e range	-55/+125 °C -55/+125 °C	
OTHER CHARACTERISTICS	OTHER CHARACTERISTICS				erating temperature rage temperature (%) so the second sec	Power derating Ver	-55/+125 °C -55/+125 °C	
OTHER CHARACTERISTICS	OTHER CHARACTERISTICS				erating temperature rage temperature (%) so the second sec	Power derating Ver	-55/+125 °C -55/+125 °C	
					erating temperature rage temperature (%) so the second sec	Power derating Ver	-55/+125 °C -55/+125 °C	
					erating temperature rage temperature (%) mod (%) mod (RONMENTAL CI ure range e range Power derating Ve	-55/+125 °C -55/+125 °C	
					erating temperature rage temperature (%) mod (%) mod (RONMENTAL CI ure range e range Power derating Ve	-55/+125 °C -55/+125 °C	

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.