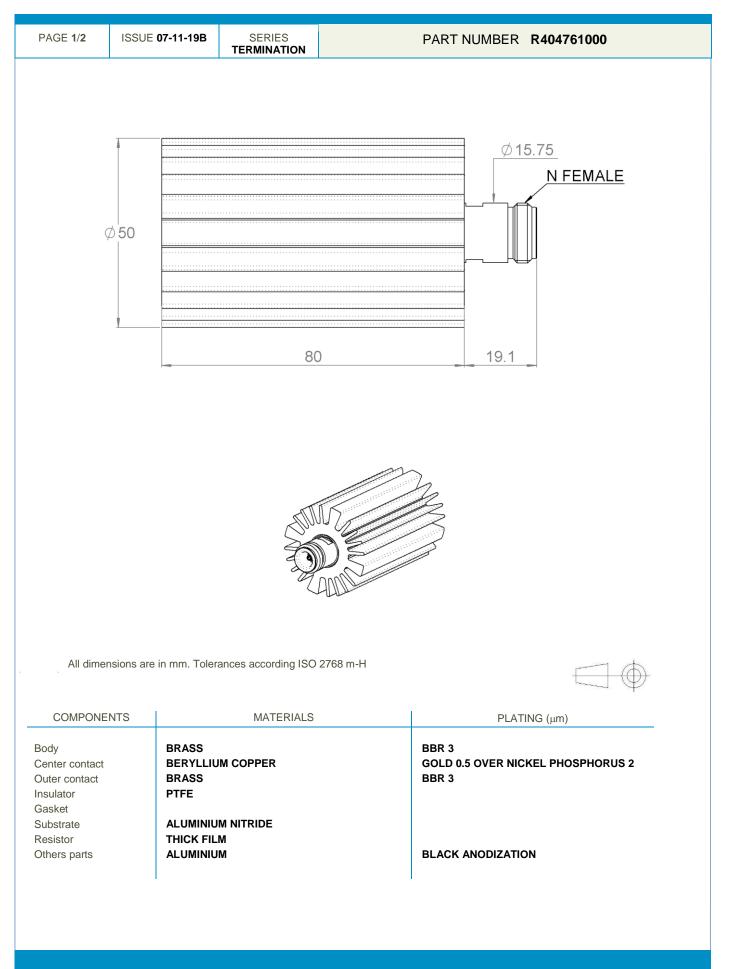
**Technical Data Sheet** 

COAXIAL TERMINATION N FEMALE 6 GHZ 50W



Radiall 🚺

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**

COAXIAL TERMINATION N FEMALE 6 GHZ 50W



		ISSUE 07-11-19B SERIES TERMINAT					
Image: contract of the second seco							
V.S.W.R.(s)       1.20       1.40         Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω ± 5%         DC Resistance       50       Ω ± 5%         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Conduction Cooled)         Witconduction       W (Conduction Cooled)       W (Conduction Cooled)         Weight       289,0400 g       MIL C39012         ENVIRONMENTAL CHARACTERISTICS         Meight       289,0400 g       MIL C39012         Deprating temperature range       -55/+125       C         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Operating t			EL	ECTRICAL CHA	RACTERISTICS		
V.S.W.R.(s)       1.20       1.40         Operating Frequency Range       DC - 6       GHz         Impedance       50       Ω ± 5%         DC Resistance       50       Ω ± 5%         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Conduction Cooled)         Witconduction       W (Conduction Cooled)       W (Conduction Cooled)         Weight       289,0400 g       MIL C39012         ENVIRONMENTAL CHARACTERISTICS         Meight       289,0400 g       MIL C39012         Deprating temperature range       -55/+125       C         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Operating t	Freq	wency (GHz)	DC-3	3-6			
Impedance       50       Ω         DC Resistance       50       Ω ± 5%         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W       W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       N       Female       ML C39012         Weight       289,0400       g       Storage       Storage         Dever derating temperature range       -55/+125       °C         Storage temperature (°C)       SPECIFICATION         SPECIFICATION							
Impedance       50       Ω         DC Resistance       50       Ω ± 5%         Peak power at 25°C (1µs, 1%o)       2000       W         Average power at 25°C       50       W (Free Air Cooled)         W       W (Conduction Cooled)       W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       N       Female       ML C39012         Weight       289,0400       g       Storage       Storage         Dever derating temperature range       -55/+125       °C         Storage temperature (°C)       SPECIFICATION         SPECIFICATION							
DC Resistance       50       Ω±5%         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       N       Female       MIL C39012         Weight       289,0400       g       Storage       Storage         Dever derating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         SPECIFICATION       SPECIFICATION	Oper	rating Frequency	Range		DC - 6	GHz	
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       N       Female       ML C39012         Weight 289,0400 g         DerivinonMental CHARACTERISTICS         Operating temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Veight       0       0       0       0         Power derating Versus temperature         0       0       0       0       0         Storage temperature range       -55/+125       °C         0       0       0       0       0       0       0         Power derating Versus temperature         0       0       0       0       0       0       0         SPECIFICATION         OTHER CHARACTERISTICS	Impedance						
Average power at 25°C       50       W (Free Air Cooled) W (Conduction Cooled)         MECHANICAL CHARACTERISTICS         Connectors       N       Female       MIL C39012         Weight       289,0400 g       G       Second and a contract of the second and and a contract of the second and and and a			(1.10, 10/2)				
Mill C39012         Mill C39012         Mill C39012         Mill C39012         Mill C39012         Connectors       N       Female       Mill C39012         Mill C39012       Connectors       N       Female       Mill C39012         Mill C39012       Connectors       N       Female       Mill C39012         Mill C39012       Connectors       N       Female       Mill C39012         Mill C39012       Connectors       Site       Site       Site         Mill C39012       Connectors       Site       Site       Site       Site         Mill C39012       Connectors       Site       Site       Site       Site         Mill C39012       Connectors       Site							
ConnectorsNFemaleMIL C39012Veight289,040g <b>ENVEROMENTAL CHARACTERISTICS</b> Operating temperature range55/+125CStorage temperature range55/+125COperating temperature range55/+125CSPECIFICATIONSPECIFICATIONOther CHARACTERISTICS							
ConnectorsNFemaleMIL C39012Veight289,040g <b>ENVEROMENTAL CHARACTERISTICS</b> Operating temperature range55/+125CStorage temperature range55/+125COperating temperature range55/+125CSPECIFICATIONSPECIFICATIONOther CHARACTERISTICS							
ConnectorsNFemaleMIL C39012Veight289,040g <b>ENVEROMENTAL CHARACTERISTICS</b> Operating temperature range55/+125CStorage temperature range55/+125COperating temperature range55/+125CSPECIFICATIONSPECIFICATIONOther CHARACTERISTICS							
Weight     289,0400 g       ENVIRONMENTAL CHARACTERISTICS       Operating temperature range     -55/+125 °C       Storage temperature range     -55/+125 °C   Power derating Versus temperature        Image: storage temperature range     -55/+125 °C   Power derating Versus temperature           Image: storage temperature range     -55/+125 °C   Power derating Versus temperature           Image: storage temperature range     -55/+125 °C   Power derating Versus temperature           Image: storage temperature range     -55/+125 °C         Image: storage temperature range			MI	ECHANICAL CHA	RACTERISTICS		
Weight     289,0400 g       ENVIRONMENTAL CHARACTERISTICS       Operating temperature range     -55/+125 °C       Storage temperature range     -55/+125 °C   Power derating Versus temperature        Image: storage temperature range     -55/+125 °C   Power derating Versus temperature           Image: storage temperature range     -55/+125 °C   Power derating Versus temperature           Image: storage temperature range     -55/+125 °C   Power derating Versus temperature           Image: storage temperature range     -55/+125 °C         Image: storage temperature range	Conr	nectors	Ν		Female	MIL C39012	
Operating temperature rangeSoft 125COperating temperature rangeSoft 125Soft 125Operating temperature ran				g			
Operating temperature rangeSoft 125COperating temperature rangeSoft 125Soft 125Operating temperature ran							
Operating temperature rangeSoft 125COperating temperature rangeSoft 125Soft 125Operating temperature ran			ENV		ARACTERISTICS		
Strage temperature range-55/+125°CPower derating Versus temperature000 <td colspa<="" 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>						
Power derating Versus temperature							
Image: state of the state			Glorage temperate	are range	00/1120	0	
OTHER CHARACTERISTICS				Power derating Ver	sus temperature		
OTHER CHARACTERISTICS			BOWER (%) BOWER (%) COME (%) COME (%)	-55 -15 2	5 75 125		
			BOWER (%) BOWER (%) COME (%) COME (%)	-55 -15 2 Temper	5 75 125 ature (°C)		
			BOWER (%) BOWER (%) COME (%) COME (%)	-55 -15 2 Temper	5 75 125 ature (°C)		
			BOWER (%) BOWER (%) COME (%) COME (%)	-55 -15 2 Temper	5 75 125 ature (°C)		
MOUNTED WITH VERTICAL COOLING FINS AND NATURAL CONVECTION			BOWER (%) 0 100 00 00 00 00 00 00 00 00 00 00 00 0	-55 -15 2 Temper	75 125 rature (°C)		
			90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)		
		MOUI	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	
		MOUN	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	
		MOUN	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	
		Mout	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	
		MOUN	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	
		MOUN	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	
		Mout	90 80 70 90 90 90 90 90 90 90 90 90 90 90 90 90	-55 -15 2 Temper	ature (°C)	VECTION	