

*Withwave's Low PIM Termination* is composed of broadband, due to the coaxial construction. It offers a performance specified *from 0.69 to 2.8 GHz* and *Low PIM performance (<160 dBc)* They come with two connectors, *7/16 DIN(M) and 7/16 DIN(F)*, a feature that allows for conveniently connecting and testing devices with different connector genders.

#### Features

- Low PIM (<160 dBc@ 2x20 W)
- Power rating : 50 Watt
- Frequency : 0.69 to 2.8 GHz
- Interface : 7/16 DIN(M) & 7/16 DIN(F)

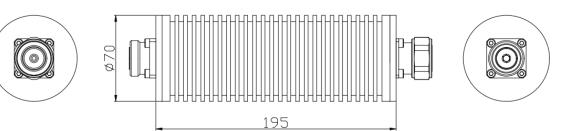


### Specification

Scope	Specification	TM21-09-09C	
Electrical	Impedance(Ohm)	50	
	Operation Freq. (GHz)	0.69 to 2.8	
	VSWR (Max.)	1.37 : 1	
	Peak Power	1kW	
	Power rating	50 W	
	PIM	<-160dBc @2x20W	
Mechanical	Connector type	7/16 DIN(M) / 7/16 DIN(F)	
	Outer Body	Alumina / Oxidation Blackening	
	Weight	1.7 kg	

# Drawing



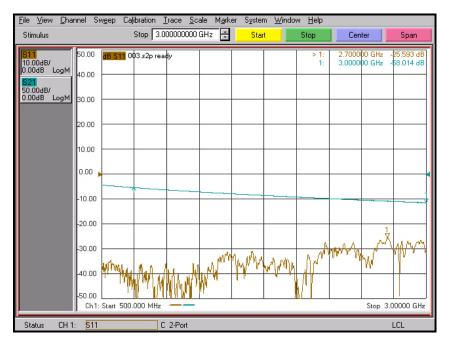


*50 Watt* 0.69 to 2.8 GHz



## Test Result (Return Loss)

#### Freq: 10 MHz to 3 GHz



# Test Result (PIM Test)

PIM Analyzer - Analyzer Mode File System Management Help	2			
1805.0 мнz ALC ON	<b>43.0</b> dBm	1880.0 MHz 43.1	dBm	ging RF ON
Back	Zoom In		IM Orde	er: ALL -
Ref. Line	-60-			M 3 1730.0MHz dBm
-40.0 dBc	-80-	Min : -164.7dB¢ Max : -10	62.0dBc	<b>164.5</b> <sup>-121.5</sup> dBc
Parameter	-100- 		N	lo Detect dBm
Capture	 			dBc
Frequency	≥ -160			dBc
Time	-180-			lo Detect dBm
Sweep	22	24 26 28 Time [sec]	30	dBc
CAL: 20190510 To Display History N	Marker, Double Click!	Stop History CAPS 1	NUM SC	RL 6:13AM

Freq: 1805 MHz to 1880 MHz, IM3, 1730 MHz (@43 dBm(20W))