Low Power Terminations

When performance counts

Radiall's new range of Low Power SMA & SMP terminations provide a small form factor and high performance, giving more flexibility in the design and integration of the radio frequency equipment.

SMA Terminations

- *1W & 2W range with working frequency up to 18 and 26.5 GHz*
- *Male, Female, and Chain & Cord models available*

SMP Terminations

- *1W range with working frequency up to 18 GHz*
- *Male & Female models available*

Average Power @ 25 °C (W) *(Free Air cooled)*	R404N6xxxx (SMP) 1W	R404N0xxxx (SMA) 1W & 2W Models
Operating Frequency (GHz)	DC - 18 GHz	DC - 18 GHz
		DC - 26.5 GHz
V.S.W.R	1.2 up to 18 GHz	1.2 up to 18 GHz
		1.2 up to 22 GHz
		1.35 up to 26.5 GHz
Impedance (Ω)	50	
DC Resistance (Ω)	50 ± 5%	
Peak power @ 25 °C (1µs, 1‰) (W)	100	
Operating temperature range (°C)	-55 / +125	
Storage temperature range (°C)	-55 / +125	

Reliable and small, Radiall's Low Power Terminations provide end users flexibility in their design.

When performance counts

Type Connection	Frequency	Power	References	Designation
SMA	18 GHz	1W	R404N05000	TERM SMA M 18 GHZ 1W
			R404N05121	TERM SMA M 18 GHZ 1W CORD
			R404N05120	TERM SMA M 18 GHZ 1W CHAIN
			R404N06000	TERM SMA F 18 GHZ 1W
		2W	R404N01000	TERM SMA M 18 GHZ 2W
			R404N01121	TERM SMA M 18 GHZ 2W CORD
			R404N01120	TERM SMA M 18 GHZ 2W CHAIN
			R404N02000	TERM SMA F 18 GHZ 2W
SMP	26.5 GHz	1W	R404N07000	TERM SMA M 26.5 GHZ 1W
			R404N08000	TERM SMA F 26.5 GHZ 1W
		2W	R404N03000	TERM SMA M 26.5 GHZ 2W
			R404N04000	TERM SMA F 26.5 GHZ 2W
	18 GHz	1W	R404N61000	TERM SMP M 18 GHz 1W
			R404N62000	TERM SMP F 18 GHz 1W

Features & Benefits

- *Excellent RF Performance & Robustness*
  - » *VSWR 1.2 up to 18 GHz / 1.35 up to 26.5 GHz*
  - » *IP67 rated (for SMA Termination)*
  - » *48h Salt fog (for SMA Termination)*
- *Miniaturized Form factor*
- *Competitive Price*

Applications

- *Embedded Military*
- *Telecom*
- *Medical or Aerospace radio frequency equipment*