

Designation	Type Order No.	Characteristic impedance	Power rating	Nominal insertion loss	Frequency range	VSWR	Accuracy of insertion loss	Max. peak pulse voltage	Connectors	Dimensions, weight
Terminations	RNA 0272.4510.50	50 Ω ±1%	1 W ¹⁾		0 to 18 GHz	≤1.02 (up to 1 GHz) ≤1.02 + 0.004 × f [GHz]			N male	21 mm dia. x 46 mm, 36 g
	RNA 1028.4994.72	75 Ω	1 W ¹⁾		0 to 3 GHz	≤1.02			N male	21 mm dia. x 46 mm, 65 g
	RNB 0272.4910.50	50 Ω	1 W ¹⁾ , 2 W peak		0 to 4 GHz	≤1.05 (up to 1 GHz) ≤1.1 (up to 2 GHz) ≤1.2 (up to 4 GHz)			N male	20.5 mm dia. x 35 mm, 36 g
	RAU 0200.0019.55	50 Ω	100 W ^{e)}		0 to 2 GHz	≤1.05 (up to 1 GHz) ≤1.1 (up to 1.5 GHz) ≤1.4 (up to 2 GHz)		2 kV	N female	95 mm x 152 mm x 235 mm, 2 kg
Feedthrough terminations	RAD 0289.8966.00	50 Ω	500 mW ^{f)}		0 to 1 GHz	≤1.05 (up to 0.1 GHz) ^{g)} ≤1.1 (up to 0.5 GHz) ≤1.2 (up to 1 GHz)			BNC male, BNC female	14.5 mm dia. x 50.5 mm, 22 g
	RAD50 0844.9352.02	50 Ω	2 W		0 to 500 MHz	≤1.1 (up to 200 MHz) ≤1.25 (up to 500 MHz)			BNC male, BNC female	15.3 mm dia. x 50.5 mm, 22 g
	RAD600 0844.9452.02	600 Ω			0 to 10 MHz					
Matching pads	RAM 0358.5414.02	50 Ω → 75 Ω	2 W ^{h)}	5.72 dB	0 to 2.7 GHz	≤1.06 (up to 2 GHz) ≤1.2 (up to 2.7 GHz), both terminals	+ 0.15/–0.05 dB		N male, N female on 75 Ω end	21 mm dia. x 73 mm, 105 g
	RAZ 0358.5714.02			1.76 dB		≤1.06 (up to 2 GHz) ≤1.2 (up to 2.7 GHz), at 75 Ω terminal	± 0.2 dB			

- a. At a max. ambient temperature of 30 °C; decreasing linearly to 0 W at 130 °C.
- b. Attenuation change at a temperature change of 1 K: ≤0.0001 dB/dB. At a load change of 1 W: ≤0.001 dB/dB.
- c. Continuous load up to a max. ambient temperature of 20 °C, decreasing linearly to 0 W at 125 °C; power-handling capacity at output up to 20 W.
- d. The frequency response of the insertion loss is specified on a label on RBS 1000 as 0.1 dB measurement error.
- e. Overload capacity 100% (max. 5 s).
- f. Continuous load up to a max. ambient temperature of 70 °C; decreasing linearly to 0 W at 130 °C.
- g. Measured with open-circuit output.
- h. Ambient temperature 25 °C.