

5dB ENR 10MHz to 3400MHz

Features

- HF to microwave coverage
- low VSWR over the whole band
- low reflection coefficient change hot to cold



Applications

- preamplifier and down converter noise figure measurement and optimisation
- system noise figure performance checking
- wireless R&D and production test
- radio astronomy and ham radio

Electrical specifications at 20°C

model	Frequency (MHz)		ENR (dB)		VSWR (:1)	DC power	
	min	max	min	max	max	Volt	Current mA max
RFD 2305	10	3400	4.25	6.75	1.15	13.5-28.0	10.0

Maximum ratings

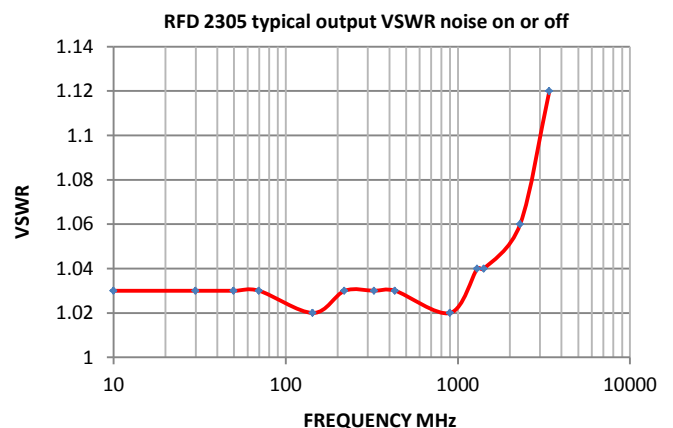
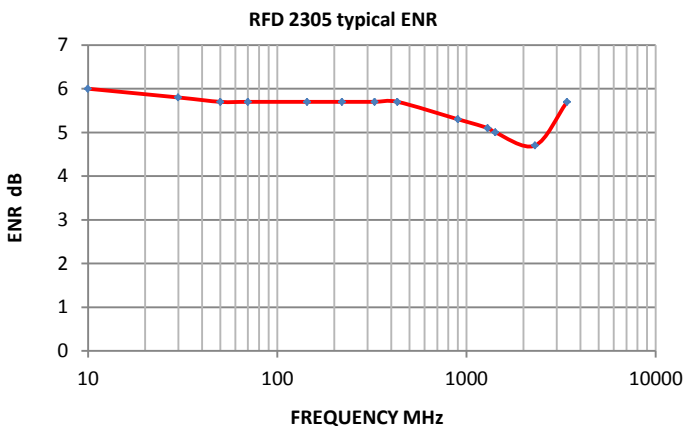
Storage temperature	-30°C to + 70°C
Operating temperature	-10°C to +35°C
DC Voltage	+30.0V
RF reverse power	+30dBm into the attenuator +20dBm into the enclosure output SMA

ENR data supplied with the product is in table format and to one decimal place at (MHz):

10, 30, 50, 70, 144, 220, 327, 432, 902, 1296, 1420, 2300 and 3400.

ENR uncertainty is ± 0.25 dB at the calibration temperature. ENR variation is approximately -0.03 dB/°C.

Enclosure dimensions: 50mm by 50mm by 25mm, excluding attenuator and BNC drive socket. Weight: 95g.



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Application notes and additional data available at www.rfdesignuk.com