
e1 Noise Datasheet

Revision History

Date	Version	Description
04/11/2021	1.0	First version of document



e1 Light

Range	Bandwidth	DUT	RMS Noise ¹	Unit
200pA	10kHz	open circuit	0.42	pA
		1GOhm	0.60	
		5pF	0.55	
	100kHz	open circuit	3.2	
20nA	10kHz	open circuit	0.004	nA
	100kHz	open circuit	0.023	

¹ Typical RMS noise: these values can slightly change depending on temperature, humidity and other environmental factors



e1 Plus

Range	Bandwidth	DUT	RMS Noise ¹	Unit
200pA	10kHz	open circuit	0.43	pA
		1GOhm	1.14	
		5pF	0.64	
	100kHz	open circuit	3.2	
2nA	10kHz	open circuit	0.001	nA
	100kHz	open circuit	0.004	
20nA	10kHz	open circuit	0.004	
	100kHz	open circuit	0.023	
200nA	10kHz	open circuit	0.033	
	100kHz	open circuit	0.204	



e1 HC

Range	Bandwidth	DUT	RMS Noise ¹	Unit
2 μ A	10kHz	open circuit	0.004	μ A
		1M Ω	0.003	
		5pF	0.003	
100kHz	open circuit	0.013		
20 μ A	10kHz	open circuit	0.006	
	100kHz	open circuit	0.013	
200 μ A	10kHz	open circuit	0.034	
	100kHz	open circuit	0.165	