



High Frequency Radiation Loop

HFRR Series

■ NECA TR-28

— Features

- > Adapt to high amplitude pulse signals
- > Pulse radiation field has fast front edge, wide pulse width range, and rich radiation signal spectrum

— Introduction

The HFRR series high-frequency radiation ring meets the standard NECA TR-28 and is matched with a high-frequency noise simulator for various EUT radiation sensitivity tests. It has the characteristics of adapting to high pulse signal amplitude, fast pulse radiation field front, large pulse width range, and rich radiation signal spectrum.



— Application Areas



Technical Parameters

High Frequency Radiation Ring Model	Maximum Input Pulse Voltage	Input Pulse Width	Ring Diameter [mm]	Cable Type	Cable Length [mm]	Type of Connector	Weight [kg]
HFRR 50	±4000 V	50 ns ~ 1 μs	50	RG-58	2000	BNC (HBNC-GP-55U)	0.20
HFRR 75	±4000 V	50 ns ~ 1 μs	75	RG-58	2000	BNC (HBNC-GP-55U)	0.20
HFRR 100	±4000 V	50 ns ~ 1 μs	100	RG-58	2000	BNC (HBNC-GP-55U)	0.40
HFRR 150	±4000 V	50 ns ~ 1 μs	150	RG-58	2000	BNC (HBNC-GP-55U)	0.48
HFRR 200	±4000 V	50 ns ~ 1 μs	200	RG-58	2000	BNC (HBNC-GP-55U)	0.60
HFRR 250	±4000 V	50 ns ~ 1 μs	250	RG-58	2000	BNC (HBNC-GP-55U)	0.66
HFRR 300	±4000 V	50 ns ~ 1 μs	300	RG-58	2000	BNC (HBNC-GP-55U)	0.73

Optional Host

1	High Frequency Noise Simulator	<p>Model: INS 400</p> <p>The INS 400 high-frequency noise simulator is designed to simulate the interference generated when the current through inductive components, represented by relay on or off, rapidly starts and stops.</p> <p>Output voltage: 0.1 kV ~ 2 kV</p> <p>Pulse width: 50 ns ~ 1 μs</p>	
2	High Frequency Noise Simulator	<p>Model: INS 800</p> <p>The INS 800 high-frequency noise simulator is designed to simulate the interference generated when the current through inductive components, represented by relay on or off, rapidly starts and stops.</p> <p>Output voltage: 0.2 kV ~ 4 kV</p> <p>Pulse width: 50 ns ~ 1 μs</p>	

SUZHOU 3CTEST ELECTRONIC CO., LTD.

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China
 E-mail: globalsales@3ctest.cn
 Service: service@3ctest.cn
 Tel: + 86 - 512 - 68077192
 Web: www.3c-test.com

