



Radiation Ring

TBR 100

ISO 11452-8

- GJB 151A
- GJB 151B
- GJB 151C
- MIL-STD-461E
- MIL-STD-461F
- MIL-STD-461G

Features

- > Wide magnetic field range
- > Accurate positioning of test distance
- > Available for zonal irradiation test of large-sized EUT
- > Large dynamic range of magnetic field strength

Introduction

The radiation ring TBR 100 complies with ISO 11452-8, GJB151A/B/C and MIL-STD-461E/F/G, it is used for magnetic field immunity tests.

The TBR 100 generates AC magnetic fields from DC to 150 kHz. It produces required magnetic field strength at 50 mm from the EUT during testing.

Application Areas



**Technical
Parameters**

Radiation Ring Diameter	120 mm
Turns	20
Wire Diameter	2 mm Copper (AWG 12)
Magnetic Field Strength	$\leq 1,000$ A/m@1 kHz
Charging Resistance	≤ 10 A/m@150 kHz
Coil Center–Test Plane Distance	50 mm
Max. Current (RMS)	20 amperes
Terminal	4 mm banana socket
Available Frequency Range	DC ~ 150 kHz
Dimension	$\phi 132^* 150$ mm
Weight	1 kg

Standard Accessories

User Manual, Connecting Cables

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