



Shielded Coupling Decoupling Network

CDN S9

- IEC 61000-4-6:2023
- GB/T 17626.6:2017

Features

- > As an external coupling decoupling network, it is used in conjunction with an RF conducted immunity generator
- > Used for shielding communication line test
- > Meet the requirements of IEC 61000-4-6:2023 standard

Introduction

The shielded coupling decoupling network CDN S9 is designed according to the requirements of IEC 61000-4-6:2023 standard, and is used for the RF conduction anti-interference test of 9-core shielded ports as a coupling decoupling network. This product is suitable for shielded communication line testing. The carrying capacity can be customized according to customer needs.

Application Areas



Technical Parameters

Frequency Range	150 kHz ~ 230 MHz
Maximum AC Voltage (Line to Ground)	AC 100 V
Maximum DC Voltage	DC 150 V
Maximum Current	1 A
RF Signal Input Terminal	BNC(female)
EUT Port/AE Port	9-pin D-sub interface (female)
Common Mode Impedance (EUT)	150 kHz ~ 24 MHz:150 Ω \pm 20 Ω 24 MHz ~ 80 MHz:150 Ω + 60 Ω /-45 Ω 80 MHz ~ 230 MHz:150 Ω + 60 Ω /-60 Ω
Partial Pressure Coefficient (RF Input to EUT)	150 kHz ~ 80 MHz:9.5 dB \pm 1 dB 80 MHz ~ 230 MHz:9.5 dB \pm 2 dB
Common Mode Interference Suppression(RF port/AE)	150 kHz:>60 dB 1.5 MHz:>60 dB 30 MHz:>60 dB 80 MHz:>50 dB 230 MHz:>40 dB
Host Size	170 mm(W)*115 mm(H)*210 mm(D)
Instrument Weight	About 4.2 kg

Standard Accessories

Calibration Adapter CDN AD S9, D-SUB Female Socket Soldering Type 9-position (black)
FDB0906-FOWS300K6KA, Instruction Manual, Inspection Report, Product Warranty Certificate

Optional Accessories

1	Calibration Device	Model: CDN 100KIT 150 Ω to 50 Ω calibration device
2	Terminator	Model: TF2-1-BNC (J) 2W DC-1G 50 Ω /2 W coaxial terminal load (BNC port)

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