

Shielded Coupling/decoupling Network

CDN S1



As per

- > IEC 61000-4-6
- > EN 61000-4-6
- > GB/T 17626.6

Description

The design and performance of coupling/decoupling network is specified in IEC/EN 61000-4-6. It also illustrates the cables of each CDN and transmission signal.

CDN S1 is designed for single-core coaxial shielded line as per IEC/EN 61000-4-6.

Features

- > Max. current: 1A
- > Data rate up to 1MBit/s

Industries

- > Communication
- > Telecom
- > Medical
- > Broadcast
- > Railway
- > IT
- > Military
- > Avionics
- > New energy

Technical parameters	
Model	CDN S1
Standard	IEC/EN 61000-4-6
Frequency range	150KHz-230MHz
Max. AC voltage (line to ground)	100V
Max. DC voltage (line to ground)	150V
Max. current	1A
RF input port (BNC)	<20V
EUT port	BNC
AE port	BNC
Common mode impedance (EUT)	
150KHz-26MHz	150Ω±20Ω
26MHz-80MHz	150Ω +60Ω /-45Ω
Differential voltage factor (RF input –EUT port)	
150KHz-80MHz	9.5dB±1dB
80MHz-230MHz	9.5dB±2dB
Common mode interference (RF port / AE)	
150 kHz:	>60 dB
1.5 MHz:	>60 dB
30 MHz:	>60dB
80 MHz:	>50 dB
230 MHz	>40 dB

Optional accessories	
CAL 100F	150Ω to 50Ω calibration unit
CAL 150F	150Ω calibration unit
CDN ADP BNC	Calibration adapter
General data	
Weight	2.0kg
Dimension	L×W×H 21×13×10cm
Enclosure	Aluminum
Temperature	15°C - 35°C (operating condition)
Humidity	45% - 75% (operating condition)
Package	carton



CONNECT 3CTEST

SUZHOU3CTEST ELECTRONIC CO., LTD

Unit 2,Anda Industrial park,Jinshan Rd, SND,Suzhou, 215011,China
Tel: +86-512-68413700/3800/3900
Fax: +86-512-68079795
Web: www.3ctest.cn
Email: info@3ctest.cn

SHENZHEN OFFICE

Room 402, the 4th floor, Fuan Technology Building, No.13,
Nanshan Technology Park, 518053, Shenzhen, China
Tel: +86-755-86626625/ 86344313
Fax: +86-755-26966255

HONGKONG OFFICE

One Commerce Center, 1201 Orange st, #600 Wilmington,
New Castle, DE19899, USA
Tel: +852-98289428
Email: protech@protec-power.com Web: www.protec-power.com

Europe: AR Europe

Yvonne McGlinchey
ymcglinchey@ARWorld.US
+353 61 504300
Address: First Floor Ashling Building, National Technology
Park, Limerick, Ireland

BEIJING OFFICE

Room D206, D block, Keshi Building, No.28, Shangdixinxu
Road, Haidian District, Beijing
Tel: +86-10-82899948/ 82899984
Fax: +86-10-82899943

CHENGDU OFFICE

Room 516, Unit 3, Ideal Centre, No.38 Tianyi Street, SND,
6100085, Chengdu, China
Tel: +86-28-85327800/85327600
Fax: +86-28-85311400

TAIWAN OFFICE

6F-5, No. 130, Ln. 235, Baoqiao Rd,
Xindian District, New Taipei City, 23145, Taiwan
Tel: +886-2-89121185
Fax: +886-2-89121812