

CDNs for Test of Immunity to Common-mode Conducted Disturbances

CDN 416T8

Datasheet



In compliance with

> IEC 61000-4-16:2015

Introduction

The coupling/decoupling networks CDN 416T8 is designed according to IEC 61000-4-16:2015 and applied to 8-line tests for immunity to conducted, common-mode disturbances in the frequency range 0 Hz to 150 Hz. Its coupling immunity voltage up to 50 V, and transmission rate is 1000 MB.

Features

Transmission rate: 1000 MB
Coupling Frequency: DC-150 kHz

Application Area

- > Communication
- > Telecom
- > Medical
- > Broadcast and TV
- > Railway
- > Information technology
- > Military
- > Aviation
- > New energy power

Technical Parameters

Coupling Frequency	DC/15 Hz-150 kHz, CW wave
Coupling Voltage	50 V
Coupling Mode	8-line common mode (to ground simultaneously)
Coupling Components	4.7 μ F capacitor
Coupling Resistance	800 Ω *2
Decoupling Inductance	8x38 mH
Common-mode Decoupling	>60 dB
Working Voltage	Max. 150 V AC/200 V DC
Working Current	Max. 1 A

General Parameters

Weight	Approx. 10 kg
Dimension	360 mm(L) \times 220 mm(W) \times 135 mm(H)
Enclosure Material	Aluminum
Ambient Temperature	15°C - 35°C (operating condition)
Relative Humidity	45% - 75% (operating condition)

Accessories

Testing line, Plug



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