



CDNs for Test of Immunity to Common-mode Conducted Disturbances

CDN 416T4

- IEC 61000-4-16

Features

- > Transmission rate: 100 MB;
- > Coupling Frequency: DC-150 kHz;
- > Banana head terminal signal injection.

Introduction

The coupling/decoupling networks CDN 416T4 is designed according to IEC 61000-4-16:2015 and applied to 4-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 100 MB.

Application Areas



Technical Parameters

Coupling Frequency	DC/15 Hz-150 kHz, CW wave
Coupling Voltage	50 V
Coupling Mode	4-line common mode (simultaneously to ground)
Coupling Device	4.7 μ F capacitor
Coupling Resistance	400 Ω x 2
Decoupling Inductance	4x38 mH
Working Voltage	Maximum 150 V AC/200 V DC
Working Current	Maximum 1 A
AE/EUT Port Type	4 mm banana head
Signal Injection Port Type	4 mm banana head

General Parameters

Weight	Approximately 10 kg
Size	360 mm x 220 mm x 135 mm (length x width x height)
Shell Material	Aluminum material
Ambient Temperature	15 ° C -35 ° C
Relative Humidity	45% -75%

Standard Accessories

Test line, Plug

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