

Coupling/decoupling network for shielded symmetric line CDN ST8



As per

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

Description

Design and performance of coupling/decoupling network is clearly specified in IEC/EN 61000-4-6. Cable type and transferred signals used for each type of coupling/decoupling network are also specified in the standard.

CDN ST81 is designed for four-pair 8-line shielded balanced line as per IEC/EN 61000-4-6.

Features

- > Max.withstand current: 1A
- > Signal transfer rate up to 1000MBit/s

Industries

- | | |
|-----------------|--------------|
| > Communication | > Technology |
| > Telecom | > Military |
| > Medical | > Avionics |
| > Broadcast | > New energy |
| > Railway | |

Technical parameters	
Model	CDN ST8
Standard	IEC/EN 61000-4-6
Frequency range	150KHz-230MHz
Max. AC current (line to ground)	100V
Max. DC current (line to ground)	150V
Max. current	1A
RF input port (BNC)	<20V
EUT port type	RJ45
AE port type	RJ45
Common mode impedance (EUT)	
150KHz-26MHz	150Ω±20Ω
26MHz-80MHz	150Ω +60Ω /-45Ω
Differential voltage factor (RF input-EUT)	
150KHz-80MHz	9.5dB±1dB
80MHz-230MHz	9.5dB±2dB
Common mode interference suppression (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 device
CAL 150F	150Ω calibration device
CDN ADP SRJ45	Calibration adapter
General data	
Weight	2.0kg
Size	Long ×wide ×high 21×13×10cm
Case material	Aluminum
Temperature	5°C - 40°C (operating condition)
Humidity	20% - 80% (operating condition)
Package case	Carton



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