

# Damped Oscillatory Wave Signal Line Coupling/Decoupling Network CDN-184S / 184SUS 【Introduction】

The CDN-184 series of coupling/decoupling networks are specifically designed for manual coupling and decoupling of unshielded data lines during damped oscillatory wave tests. This series of networks offers options tailored to different customer needs, catering simultaneously to the testing requirements of both 2-wire and 4-wire products. With its compact size, it is highly convenient.

Compliant with the testing requirements of IEC 61000-4-18, these networks can be used for testing unshielded symmetrical lines, unshielded asymmetrical lines, and high-speed communication lines.

## Compliance Standards

IEC 61000-4-18 EN 61000-4-18 GB/T 17626.18

## Application Fields

Industrial equipment, electrical meters, and instrumentation

## Parameter List

Specification Model	CDN-184SUS	CDN-184S
Coupled waveform	Slow damped oscillatory wave	
Maximum output voltage	3 kV	3 kV
EUT line	2-channel, 4-channel	2-channel, 4-channel
Port type	Suitable for unshielded symmetrical line networks	Suitable for unshielded asymmetrical line networks
Coupling method	Line-to-ground	Line-to-ground, Line-to-line
Communication bandwidth	$\leq 100$ kHz	$\leq 100$ kHz
Coupling capacitor	0.5 $\mu$ F	0.5 $\mu$ F
EUT power supply	110 V/3 A	110 V/3 A