



**Model CD10K Series  
Coupling/Decoupling Network for Supply Lines  
10kHz-80MHz**

The Model CD10K Series are coupling/decoupling networks to couple common mode signals onto power supply lines. The networks are designed to meet the IEC 61000-4-6 and NAMUR NE21 specification requirements. The Coupling Port Power Level rating on these units will accommodate the higher RF-power required to achieve the desired test level. This higher power is necessary to compensate for the basic insertion loss from the RF Disturbance port to the EUT port, the test standard modulation requirements, as well as reflections that may occur in the CDN circuits. Calibration adapter sets (set of two adapters for AE and EUT ports) are required for calibration of these networks. 150-50 ohm adapter set (CR00100CD, set of 2) is available for these networks. The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

MODELS	SPECIFICATIONS	
	CD10K20000 Series	CD10K30000 Series
<b>ELECTRICAL</b>		
Number of Conductors	2	3 (L-N-PE)
Maximum AC voltage EUT/AE Ports	<240V L-L (DC-60Hz)	
Maximum DC voltage EUT/AE Ports	<240V	
Current Ratings EUT/AE Ports	See model numbers table below	
RF Coupling Port Frequency Range	10kHz-80MHz	
RF Coupling Port Voltage Level	<30V	
RF Coupling Port Power Level	45 watts maximum	
<b>MECHANICAL</b>		
I/O Connectors	Multi-Contact Safety Socket	
RF Coupling Port Coupling Connector	N female	
Calibration Adapter Set	See table below	

MODEL NUMBERS		
CURRENT RATING	CD10K20000 Series	CD10K30000 Series
16 Amp	CD10K20016	CD10K30016
Calibration Adapter	CA M2 (includes 2)	CA M3 (includes 2)