

CDN T2x

CDN IEC 61000-4-6

MAIN FEATURES

Electrical Specifications

	CDN T202-10	CDN T2A-10	CDN T246A
Frequency Range	10 kHz to 80 MHz		150 kHz to 80 MHz
Connector EUT Port	4 mm banana	1 mm banana	D-Sub 25 pins
Connector AE Port			
Line Parameters	1 pair		
Application Configuration	Telecom, UP0		Siemens UPN (UP0)
AC max. voltage (L-GND)	63 V		
DC max. voltage (L-GND)	100 V		
Current Max	2 A (line)	600 mA (line)	
Test Voltage, 2 sec.	200 VDC		
Common Mode Impedance (EUT Port)	10 kHz to 24 MHz: 150 ±20 24 MHz to 80 MHz: 150 +60 /-45		150 kHz to 24 MHz: 150 ±20 24 MHz to 80 MHz: 150 +60 /-45

RF to EUT/AE Specifications

	CDN T202-10	CDN T2A-10	CDN T246A
RF Port	BNC 50		
RF Voltage	< 33 V ¹		< 22 V ¹
Voltage division factor (RF input to EUT port)	10 dB ±1.5 dB	10 kHz to 80 MHz: 10.5 dB ±1.5 dB	9.5 dB ±1 dB
Transmission bandwidth (wanted signal) EUT / AE B3 dB:	>100 MHz sin. ²		
Longitudinal conversion loss (LCL), typical values (EUT) port	150 kHz to 30 MHz: >40 dB	150 kHz: >75 dB 1.5 MHz: >75 dB 30 MHz: >50 dB	
Decoupling of CM disturbance (RF port / AE) typ.	10 kHz: >20 dB 1.5 MHz: >55 dB 30 MHz: >55 dB 80 MHz: >45 dB		150 kHz: >35 dB 1.5 MHz: >55 dB 30 MHz: >55 dB 80 MHz: >40 dB
Footnote	1) in 300 loop 2) 3 dB bandwidth, all balanced parameters in relation to a symmetrical load of 100		