

















	Standards	CERT
•	<ul> <li>Voluntary compliance with harmonized standards demonstrates compliance with Directive</li> <li>Three types of standards: <ul> <li>Fundamental standards (e.g. EN 61000-4-x)</li> <li>Product standards (eg EN 55011 (ISM), ETS 3342-1 (GSM))</li> <li>Generic standards (e.g. EN 61000-6-x)</li> </ul> </li> <li>Standardization bodies: <ul> <li>CISPR, IEC, ISO, ITU as international organizations</li> <li>CENELEC, ETSI in Europe</li> <li>ANSI in United States</li> </ul> </li> </ul>	300

























Table A.1/K.48 – Equipment for telecommunication centre								
Environmental phenomena	Test levels	Units	Basic standard	Performance criteria	Remarks			
Enclosure port			•	•				
Radio-frequency electro-magnetic field	3 10 3 10	V/m	IEC 61000-4-3 [36]	А	80-800 MHz 800-960 MHz 960-1000 MHz 1400-2000 MH (Note 1)			
Electrostatic discharge	4	kV	IEC 61000-4-2 [35]	В	Contact and air discharge			
Dutdoor telecommunication ports								
Radio-frequency conducted continuous	3	V	IEC 61000-4-6 [39]	A	0.15-80 MHz (Notes 2, 3 and 5)			
Surges	0.5 (line to line) 1 (line to ground)	kV	IEC 61000-4-5 [38]	В	10/700 μs (Notes 4 and 1			
Fast transients	0.5	kV	IEC 61000-4-4 [37]	В	(Note 12)			

## Overvoltages or overcurrents

Overvoltages or overcurrents covered by some K

Recommendations include surges due to:

- lightning "on" or "near" the line plant,
- short-term induction of alternating voltages from adjacent electric power lines or electrified railway systems,
- earth potential rise due to power faults,
- and direct contacts between telecommunication lines and power lines.

































