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| Draft revised Recommendation ITU-T K.44  Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents - Basic Recommendation |
| Summary  Recommendation ITU-T K.44 seeks to establish fundamental test methods and criteria for the resistibility of telecommunication equipment to overvoltages and overcurrents.  Overvoltages or overcurrents covered by this Recommendation 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.  Major changes compared with the 2018 version of this Recommendation include:  – Appendices I and II removed and made into K.44 Supplements ;  – New twisted pair transverse/differential surge test circuit ;  – added Ethernet insulation resistance test to avoid port power cross test;  – revision of the test schematics to improve clarity. |

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