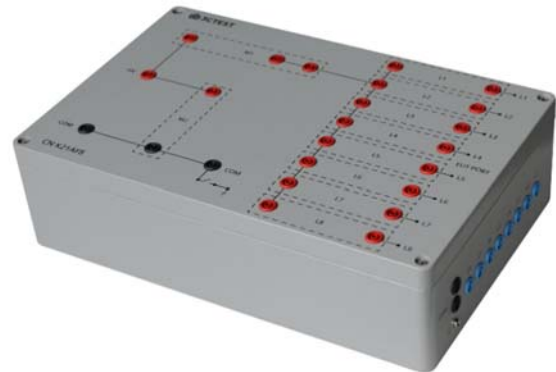




Coupling Networks for Telecommunication Cables **CN K21AF8**

- ITU-T K.44
- ITU-T K.20
- ITU-T K.21
- ITU-T K.45

Features

- > Compatible with surge generator from other manufacturers
- > Max. test voltage 8 kV
- > For coupling 1.2/50 μ s & 8/20 μ s combination wave
- > Interchangeable coupling modules for different test requirements
- > Line-to-line and line-to-ground coupling for single- and multi-line configurations

Introduction

The CN K21AF8 Coupling Networks for Telecommunication Cables is designed according to ITU-T K.20, ITU-T K.21, ITU-T K.44 and ITU-T K.45 for coupling 1.2/50 μ s & 8/20 μ s combination wave up to 8 kV to telecommunication ports for selected resistibility tests.

Via interchangeable coupling modules, the CN K21AF8 can be used in testing Figure A.6.5-2, Figure A.6.7-1, Figure A.6.7-2, Figure A.6.7-3a, Figure A.6.7-4, Figure A.6.7-5, Figure A.6.7-6 specified in ITU-T K.44.

Application Areas



Technical Parameters

Coupling Waveform	1.2/50 μ s, 8/20 μ s
Pulse Voltage	8 kV (10 kV can be customized)
Coupling Mode	Line-to-line and line-to-ground coupling for single- and multi-line configurations
Coupling Module	Interchangeable coupling resistors or capacitors (optional)
EUT Port	4 mm banana plug
EUT Voltage	Max. 300 V, DC
EUT Current	Max. 10 A

General Parameters

Dimension	403 (L) × 112 (H) × 260 (D) mm
Weight	Approx. 4.5 kg
Enclosure Material	Aluminum
Operating Temperature	15 °C ~ 35 °C
Operating Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

User Manual, Test Cables, Grounding Wire, Short-circuit Plug, Plug, Coupling Module (NRC 105, NR10 Ω , NR5 Ω)

Optional Accessories

1	Combination Wave Lightning Surge Generator	Model: CWS Series	
2	Compact Combination Simulator	Model: CCS Series	

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