

KEYSIGHT TECHNOLOGIES (AGILENT HP)

11713B

The Keysight Technologies 11713B is a programmable attenuator and switch driver designed to provide manual and automated control of up to two coaxial attenuators and two coaxial switches, or up to ten individual coaxial switches. Featuring standard GPIB, USB, and LAN connectivity, it offers backward compatibility with the legacy Agilent 11713A and features an intuitive front-panel LCD interface for simplified manual control and monitoring.

SPECIFICATIONS

General

Interfaces	GPIB (IEEE-488.2), USB 2.0 High Speed (Type-B), LAN (10Base-T/100Base-TX, LXI Class C)
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Physical

Dimensions (W×H×D)	212.6 mm × 88.1 mm × 348.3 mm mm
Weight	3.2 kg kg

Drive & Control Capabilities

Number of Attenuator Channels	2 channels (Bank A and Bank B, up to 4 sections each)
Number of Switch Channels	Up to 10 channels (when used without programmable attenuators)
Drive Voltage Selection	+5 V, +15 V, +24 V (independently selectable for Bank A and Bank B)
Maximum Continuous Current	1.7 A (total for both banks combined)
Contact Life Monitoring	Yes, built-in cycle counter for tracking connected switch and attenuator transitions

Connectivity & Interfaces

Command Emulation Modes	Agilent 11713A command compatibility mode
Command Language	SCPI (Standard Commands for Programmable Instruments)
Web Browser User Interface	Built-in virtual front panel web server via LAN interface

Front Panel Features

Manual Override Capability	Yes, front-panel keypad allows complete manual control
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Environmental & Physical

Form Factor	2U height, half-rack width
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Connectivity

LXI Compliance	LXI Class C compliant
USB Interface Standard	USB 2.0 (USBTMC/USB488)
LAN Interface Standard	10/100 Base-T
GPIB Interface Compliance	IEEE 488.2

Power

Power Consumption	100 VA maximum
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Drive Performance

Total Drive Current Capability	1.7 A (continuous)
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Compatibility

Supported Programmable Attenuators	Keysight 8494/5/6/7 series, 84904/5/6/7/8 series
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TECHNOLOGY

RF and Microwave Control Hardware

APPLICATIONS

Automated RF/microwave signal routing and attenuation control in test systems

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.