

TEKTRONIX

TCA-1MEG

The Tektronix TCA-1MEG is a high-impedance buffer amplifier and TekConnect interface adapter that expands the versatility of high-bandwidth Tektronix oscilloscopes equipped with the TekConnect interface. By converting the 50 Ω TekConnect input into a 1 M Ω / 10 pF input with TekProbe Level 2 BNC connectivity, the TCA-1MEG enables direct connection of standard high-impedance passive and active probes while preserving accurate signal measurement up to 500 MHz bandwidth.

SPECIFICATIONS

General

Interfaces	TekConnect output interface, TekProbe BNC input interface
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Physical

Power Supply	Powered directly via TekConnect interface from host oscilloscope
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Interface & Compatibility

Input Connector Type	TekProbe BNC (Level 2 TekProbe)
Output Connector Type	TekConnect
Scope Interface System	TekConnect Interface
Automated Probe ID Support	Yes (TekProbe Level 2 automated attenuation and unit scale readout)
Readout Scale Factor Adjustment	Automatic via TekProbe interface

Power & Control

Power Source	TekConnect interface bus (no external power supply required)
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TECHNOLOGY

High-Impedance Oscilloscope Buffer Amplifier

APPLICATIONS

High-bandwidth oscilloscope signal conditioning and probe adaptation

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