

Product Datasheet - Technical Specifications



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Banana-Triax Adapter STC6P4W STC6P2W STC6P2W-B



Data sheet

EN01A



SIGLENT TECHNOLOGIES CO., LTD.

Banana-Triax Adapter STC6P Series

Key Features

- Supports low-current measurements below 1 nA
- Compatible with 2-wire (non-Kelvin) and 4-wire (Kelvin) connections
- Enables easy connection to triaxial test fixtures and wafer probe stations

Product Overview

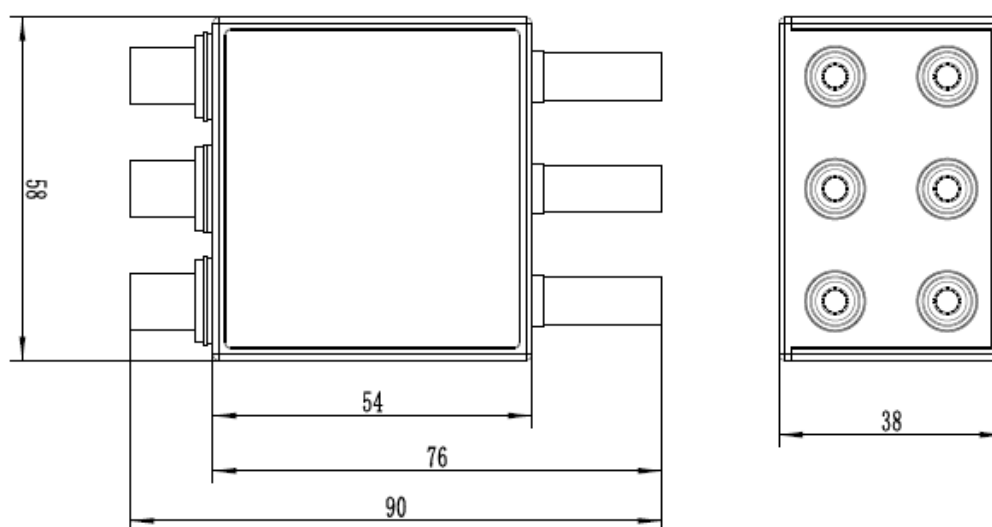
The STC6P series triaxial connectors are banana-to-triaxial adapter products designed for the SMM3000X series Source Measure Unit (SMU). They support both 2-wire and 4-wire connection requirements.

Product Description

STC6P4W	Banana to Triaxial – 4-Wire Adapter
STC6P2W	Banana to Triaxial – 2-Wire Adapter
STC6P2W-B	Banana to Triaxial – 2-Wire Adapter

Note: Internal wiring is shown in the diagrams below.

Product Dimensions



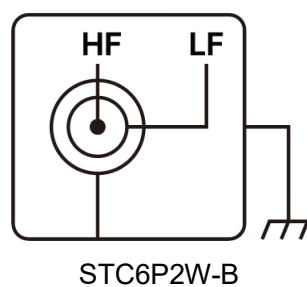
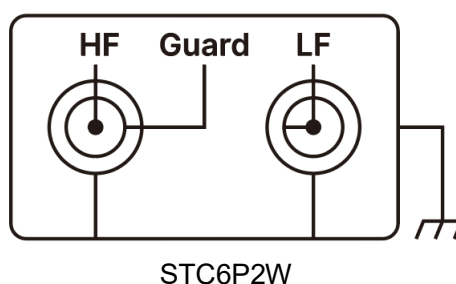
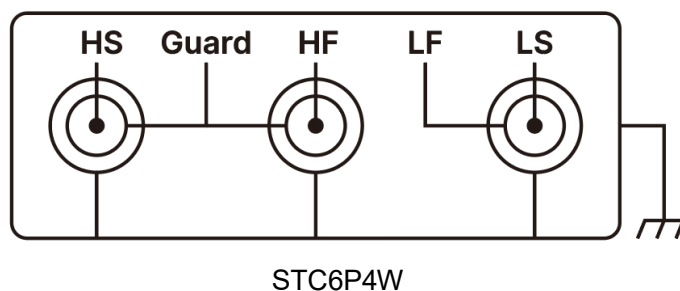
units (mm)
STC6P4W



Caution:

To avoid personal injury and other potential hazards, make connections and disconnections only when the output is turned off, and ensure that connectors are securely attached to the instrument and cables during use.

Internal Wiring Diagrams



Other Specifications

Input Characteristics	
Maximum Input	DC 250V/1A
Mechanical Characteristics	
Length × Width × Height	90mm × 58mm × 38mm
Other Characteristics	
Operating Environment	Operating Temperature: 0 °C to +50 °C, 30 % to 80 %
	Storage Temperature: -30 °C to 70 °C, 10 % to 90 %
	Altitude: Operating: 0 m to 2000 m, Storage: 0 m to 4600 m