

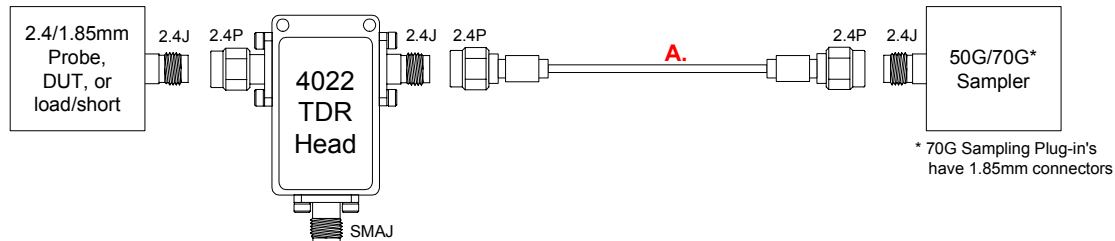
- Provides connector adapters and semi-rigid cables for connecting the Model 4022 Differential TDR/T Source Enhancement Module to different connector types and genders (see connection diagrams)
- Covers connector configurations needed to attach remote sampling heads near the device under test
- Enables high-quality measurement results

The Picosecond Pulse Labs (PSPL) TDR/T Connector Adapter Kits are intended to provide a set of adapters for connecting Devices Under Test (DUT's), probes, and sampler modules to PSPL TDR/T pulse sources.

PSPL offers two different TDR/T connector adapter kits: the Model 4022-DAK and the Model 4022-DBK. The 4022-DAK contains connector adapters needed for basic probe connections, while the 4022-DBK contains a full set of connector adapters for additional connector permutations. Both kits support differential test set-ups by including two pieces of each type of adapter or cable.

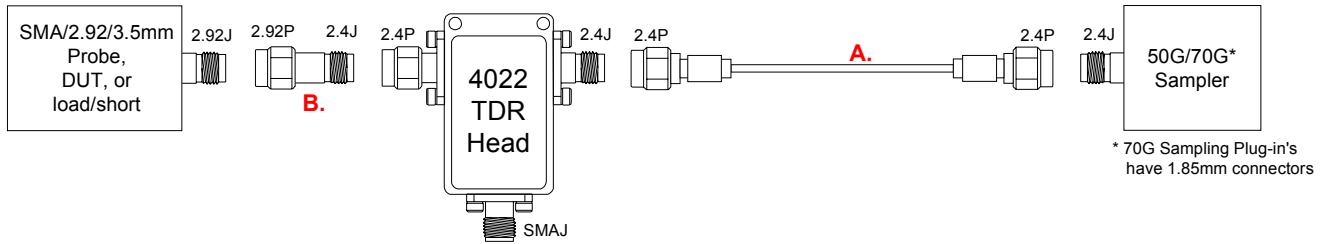
4022-DAK Probe Connector Adapter Kit Contents	4022-DBK Full Connector Adapter Kit Contents
Storage case with the following parts: A. (2) 6" semi rigid coax, 2.4P-P B. (2) 2.92P-2.4J adapter C. (2) 2.4P-2.4P adapter D. (2) 2.92P-2.4P adapter	Storage case with the following parts: A. (2) 6" semi rigid coax, 2.4P-P B. (2) 2.92P-2.4J adapter C. (2) 2.4P-2.4P adapter D. (2) 2.92P-2.4P adapter E. (2) 2.4J-2.4J adapter F. (2) 2.4J-2.92J adapter G. (2) 2.4P-2.92J adapter

Note: Configurations 1 - 8, shown below, depict various set-ups for connecting the PSPL TDR/T Pulse Source to probes, samplers, and circuits. Each adapter or cable is identified by letters A - G.

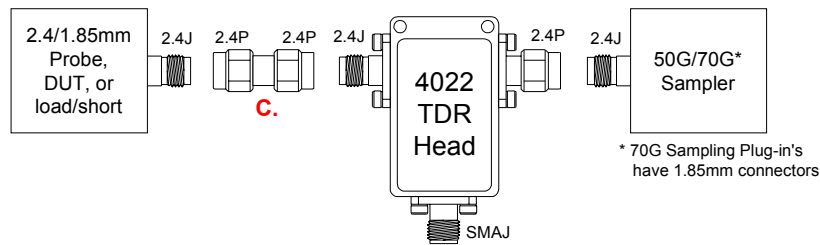


Connection Configuration 1

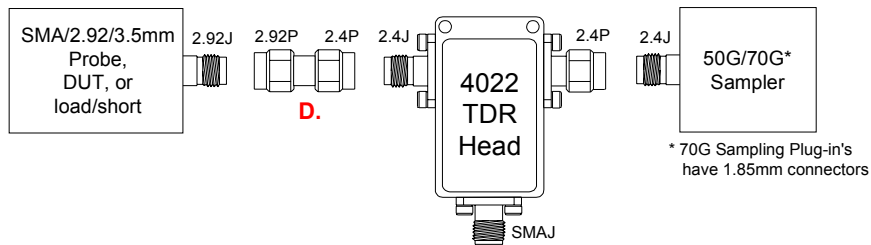
Note: The semi-rigid cable is intended to be used in cases where it is not possible to attach the sampler directly to the TDR head due to weight or space restrictions. It is preferable that the semi-rigid cable be placed between the TDR head and the sampler instead of between the TDR head and the DUT so the high-speed signal passes through the cable only one time.



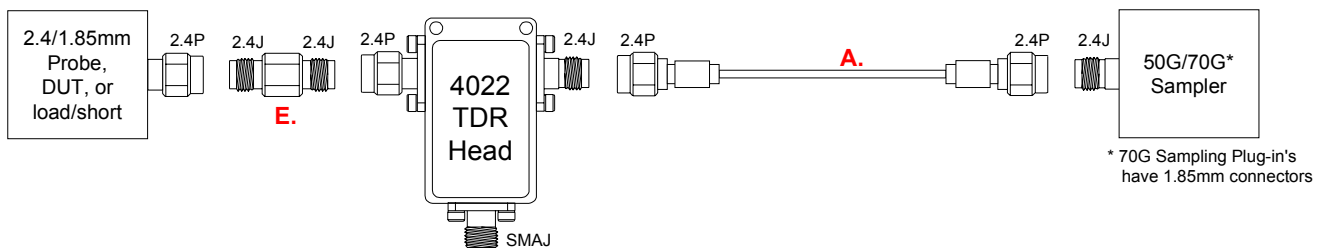
Connection Configuration 2



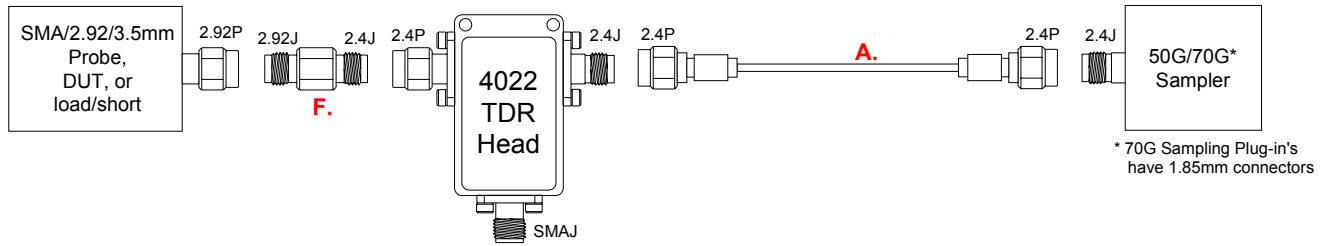
Connection Configuration 3



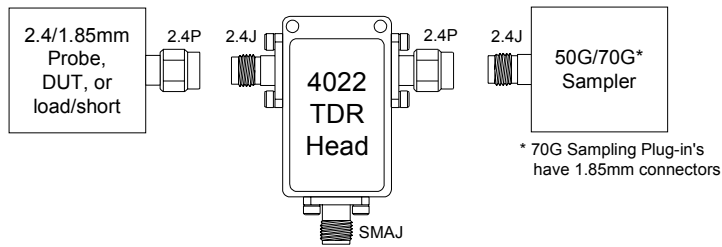
Connection Configuration 4



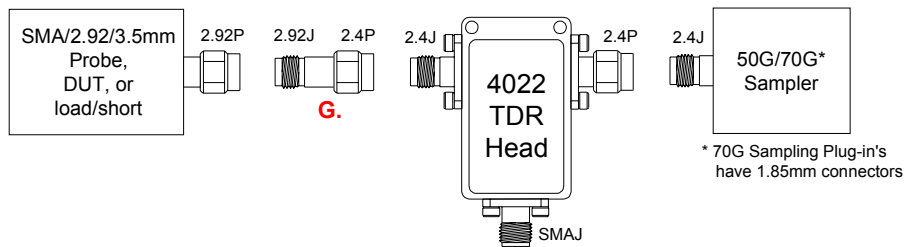
Connection Configuration 5



Connection Configuration 6



Connection Configuration 7



Connection Configuration 8

Note: SMA, 3.5 mm, and 2.92 mm connectors are compatible and will connect with each other. 2.4 mm and 1.85 mm connectors are compatible and will connect with each other.

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Ordering Information
 4022-DAK: TDR/T Probe Connector Adapter Kit
 4022-DBK: TDR/T Full Connector Adapter Kit

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