

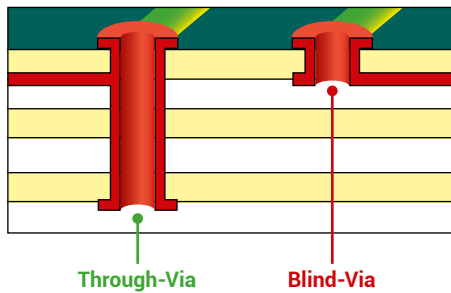
# Do you measure the characteristic impedance of the transmission lines of your PCBs?

Are you making measurements on fast edges or high bandwidth signals where something does not look quite right in your design? Unless you have verified the quality of the transmission lines of your PCB, there is always the possibility that the PCB may have some imperfections that can cause artifacts.

T3SP-series TDR mainframes combined with TDR probes instantly reveal the quality of your PCBs. This dramatically improves your productivity and increases the confidence in your design and measurements.



**T3SP Bundles Include**  
**FREE 18 GHz**  
**Differential**  
**Probe**



## Choose your platform:

Product Code	Mainframe and Phase matched cables	Calibration Kit and Torque wrench (Bundlemodels)	Internal Battery (B-models)	Impedance Profile, Step Response	S-parameter (S <sub>dd11</sub> )	S-parameter (SE S <sub>11</sub> , S <sub>21</sub> , S <sub>12</sub> , S <sub>22</sub> )
T3SP10D-BUNDLE	YES (SMA cables)	YES (SMA OSL Cal kit)	NO	YES (rise time 50 ps)	YES (up to 10 GHz)	NO
T3SP10D-B-BUNDLE	YES (SMA cables)	YES (SMA OSL Cal kit)	YES	YES (rise time 50 ps)	YES (up to 10 GHz)	NO
T3SP15D-BUNDLE	YES (3.5 mm cables)	YES (3.5 mm OSLT Cal kit)	NO	YES (rise time 35 ps)	YES (up to 15 GHz)	YES (up to 15 GHz)
T3SP15D-B-BUNDLE	YES (3.5 mm cables)	YES (3.5 mm OSLT Cal kit)	YES	YES (rise time 35 ps)	YES (up to 15 GHz)	YES (up to 15 GHz)

