

EVERY BENCH.
EVERY ENGINEER.
EVERY DAY.



Automotive Ethernet Compliance Solutions — 100BASE-T1/1000BASE-T1



- Automotive Sensor
- Automated Driving Technology
- Vehicle to Everything (V2X)
- In-Vehicle Infotainment (IVI)
- On-board diagnostics (OBD)
- Advanced Driving Assistant System (ADAS)

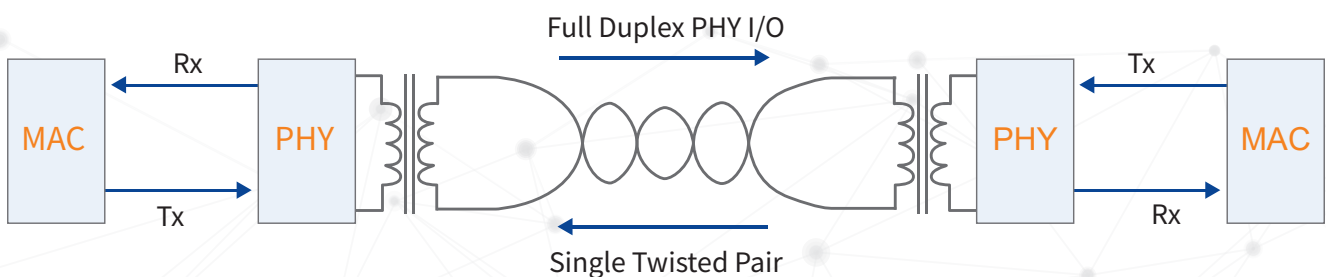
Supported tests for 100BASE-T1

Test Mode	Test Items
1	Transmitter Output Droop
2	Transmitter Timing Jitter Transmitter Clock Frequency
4	Transmitter Distortion
5	Transmitter Power Spectral Density Transmitter Peak Differential Output MDI Common Mode Emission
Slave	TX_TCLK Jitter TX_TCLK Frequency MDI Return Loss MDI Mode Conversion Loss

Supported tests for 1000BASE-T1

Test Mode	Test Items
1	TX_TCLK125 Frequency Transmit Timing Jitter (Master/Slave)
2	Transmit Clock Frequency Transmit MDI Output Jitter
4	Transmitter Distortion
5	Transmitter Power Spectral Density Transmitter Peak Differential Output
6	Transmitter Output Droop
Slave	MDI Return Loss MDI Mode Conversion Loss

100/1000 Mbps





- Flexible testing program
- Automated testing and analysis
- Easy-to-understand connection guide
- Customizable measurement report

Siglent Provides Automotive Ethernet Compliance Solutions



Oscilloscope (SDS7000A) & Software & Fixture



Vector Network Analyzer



Spectrum Analyzer



Arbitrary Waveform Generator



N-SMA Cable



Calibration Kit



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