

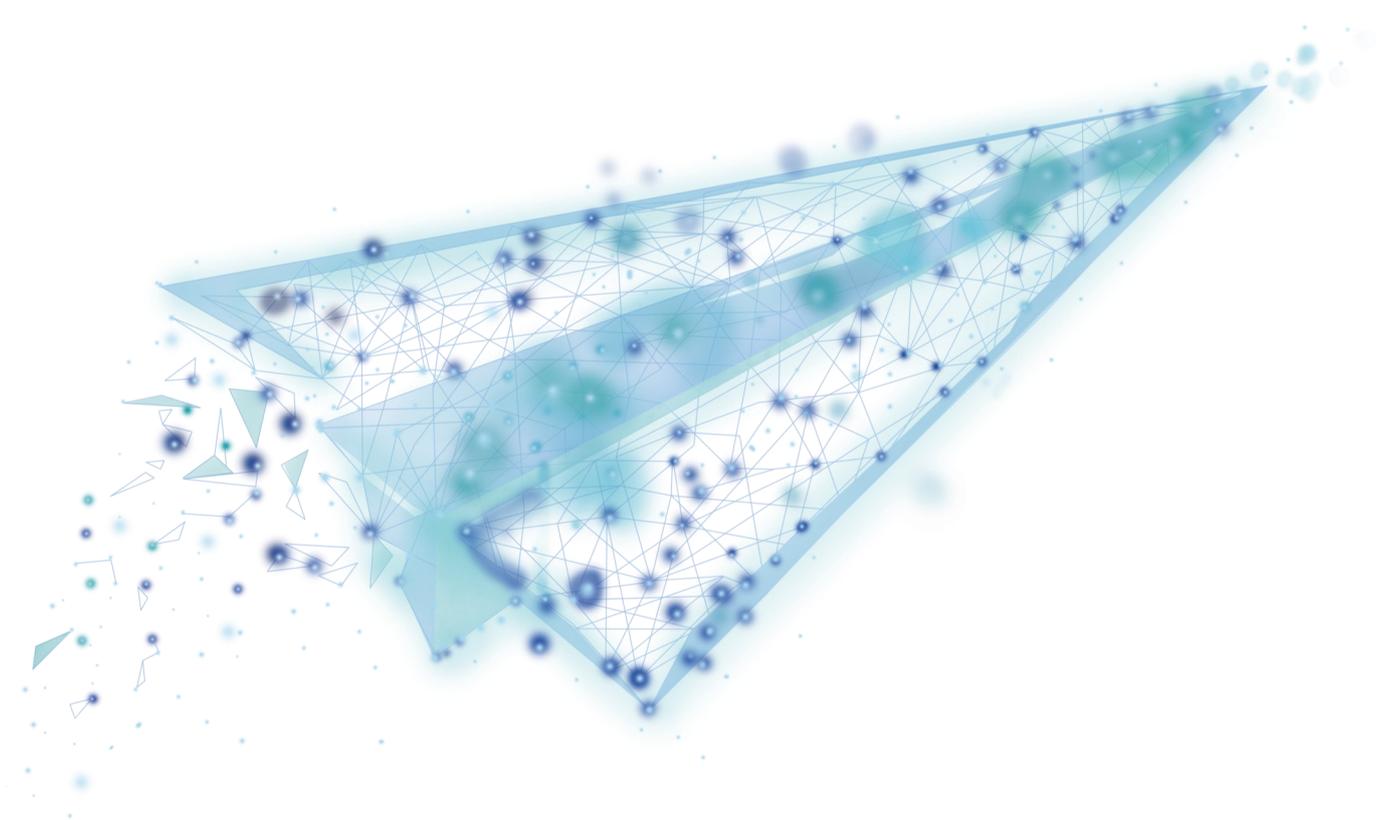


铎铎电子科技 (杭州) 有限公司

Doodoo Technology (Hangzhou) Co., Ltd

专注于高速互联和测试解决方案

High-Speed Connectivity & Testing Solutions

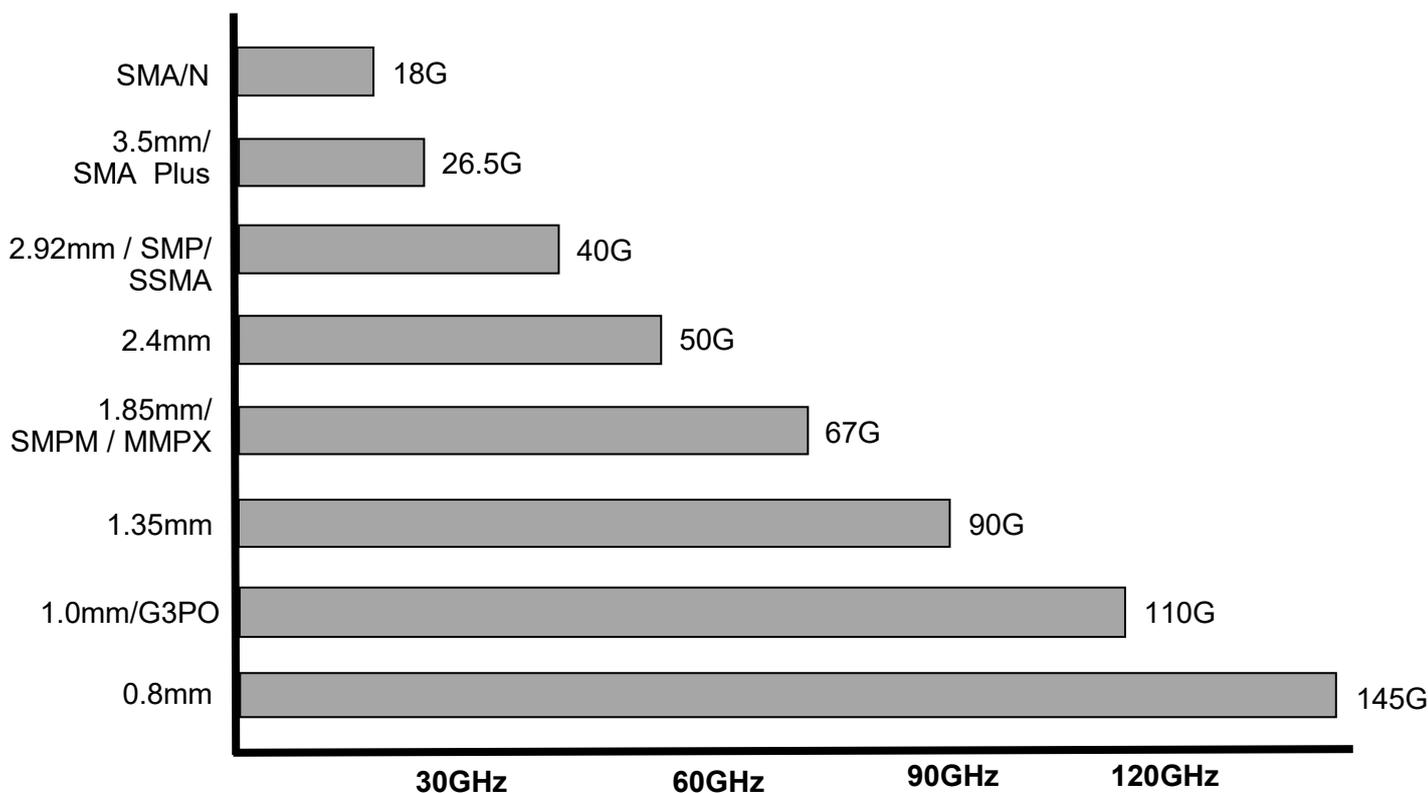


铎铎电子科技（杭州）有限公司成立于 2019 年，致力于提供行业领先的高频高速互联及测试解决方案。铎铎电子科技提供完整的高频高速信号同轴互联方案，产品涵盖 DC-110GHz 微波电缆组件 DC 系列；精密射频转接器 DT 系列；PCB 板端精密连接器 DJ 系列；高密度多通道组合连接方案 DXM 系列。另外，铎铎电子基于高速高频的测试应用和行业经验，也同步开发了相关的高速测试夹具及测试设备，包括高速光模块测试评估板、高速误码仪、时钟恢复仪等，满足日益增长的高速信号完整性测试需求。

铎铎电子科技拥有自主设计开发能力，所有测试连接器和测试夹具均自行设计、SI 仿真分析和调试优化。除了提供标准产品外，铎铎科技可以针对用户的个性化应用需求，配合客户进行联合设计，提供高品质的定制化技术服务以缩短客户开发周期。

Doodoo Technology was founded in 2019 with the vision to provide signaling and test solutions. Doodoo Technology provides complete solutions for high-speed and high-frequency signal interconnection and testing, including DC-110ghz microwave cable assembly DC series; precision RF adapter DT series; precision board-mount connectors DJ series; high-density multi-coax connection solution DXM series. In addition, based on high-speed test applications, Doodoo has also developed related high-speed test fixtures and test equipment, including high-speed optical module test board, BERT, CRU etc., to meet the growing demand for high-speed signal integrity testing.

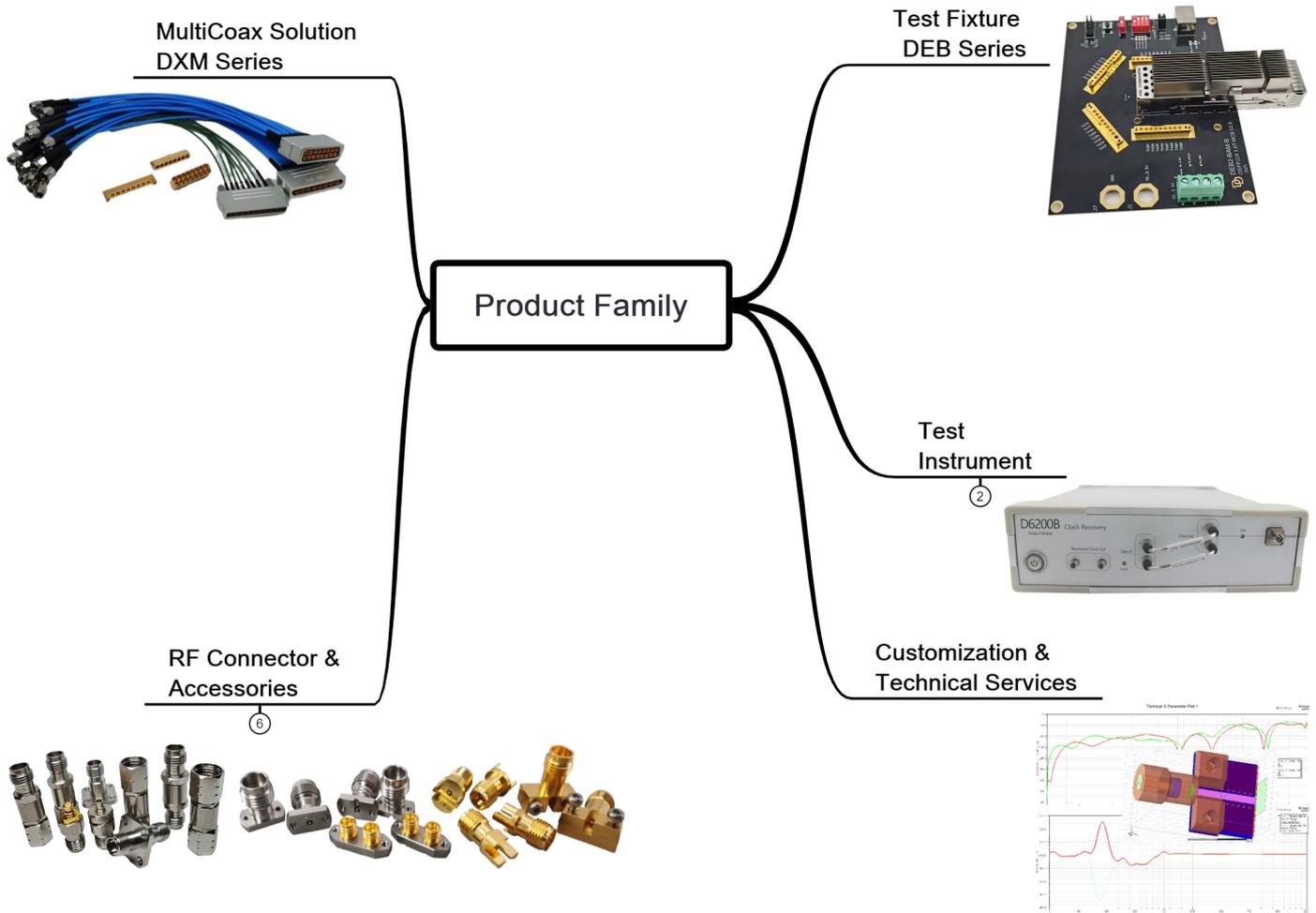
Doodoo Technology has independent design and development capabilities. All RF connectors and test fixtures are self-designed, SI simulation analysis and debugging. In addition to providing standard products, Doodoo can be customized for users' applications, cooperate with customers for joint design, provide high-quality products and customized technical services to shorten customer development cycle.



典型射频同轴接口及工作频率
Typical RF Coaxial Interface and Frequency Range

铎铎科技产品框架体系

Doodoo Technology Product Family



铎铎电子科技提供完整的高速高频信号互联及测试等行业解决方案，产品涵盖 DC-110GHz 电缆组件、精密射频转接器、PCB 板端精密连接器、高密度多通道组合连接方案等。另外同步提供高速测试夹具及测试设备，包括高速光模块测试板、高速误码仪、时钟恢复仪等，满足日益增长的高速信号完整性测试需求。并可以针对用户的个性化应用，配合客户进行联合定制化设计。

Doodoo Technology provides complete solutions for high-speed and high-frequency signal interconnection and testing, including DC-110ghz microwave cable assembly ; precision RF adapter; precision board-mount connectors; high-density multi-coax connection solution DXM series. In addition, Doodoo has also developed related high-speed test fixtures and test equipment, including high-speed optical module test board, BERT, CRU etc., to meet the growing demand for high-speed signal integrity testing.

多通道测试解决方案 DXM 系列

Multi-coax Connectivity Solution-DXM Series

铎铎科技提供高密度、低插损和高性能 PCB 板端连接转换和同轴电缆连接解决方案，DXM 系列解决方案允许 8 或 16 个通道测量带宽可达 110GHz，并在不改版 PCB 的情况下直接替换进口同类产品。

Doodoo technology provides high-density, more effective, more economic solution in multi-coax connectivity applications with DXM series. The DXM series solutions allow 8 or 16 channels to measure bandwidth up to 110GHz and replace imported similar products directly without altering their PCB. The DXM family includes high density connectors that can be soldered or compression mount to the PCB as well as high frequency, low loss, easy mating.



DXM 系列—110GHz 多通道互联测试解决方案

DXM Series—110GHz Multi-coax Connectivity Solution

铎铎科技提供 110GHz 高密度、低插损和高性能 PCB 板端连接转换和同轴电缆连接解决方案。该系列 8 或 16 个通道测量可选（其他通道也可定制），提供垂直免焊和水平焊接两种装配方式，为单通道 224Gbps 提供高密度同轴互联测试方案。

Doodoo technology provide 110GHz high-density, low insertion loss, and high-performance solutions for PCB and coaxial cable connection. This series provides optional 8 or 16-channel measurement configurations (other channel configurations are also customizable), and offers two assembly methods: vertical solder-free and horizontal soldering, delivering high-density coaxial interconnection test solutions for 224Gbps /lane application.



DJRS 系列 110GHz 板端连接器



DJRS & DCRS 8 通道 110GHz 系列

精密射频同轴转接器 DT 系列

Precision RF Coaxial Adapter DT Series

铎铎科技提供带宽高达 110GHz 各种系列内和系列间端口的高品质精密转接器，主要包括 SMP、SMPM、MMPX、SMA、SSMA、N、3.5mm、2.92mm、2.4mm、1.85mm、1.0mm 等转接器，同时在电气特性上，如：驻波、插损等表现优异，广泛应用于各种测试测量领域。

Doodoo technology provide all kinds of high quality adapters of the in-series and between series from DC to 110GHz, mainly including SMP, SMPM, MMPX, SMA, SSMA, N, 3.5mm, 2.92mm, 2.4mm, 1.85mm, 1.0mm and so on. At the same time, our adapter has excellent performance in electrical characteristics, such as: VSWR, insertion loss, widely used in various test and measurement fields.



射频同轴板端器 DJ 系列

RF Coaxial PCB Connector DJ Series

铎铎科技设计了 DC 到 110GHz 的各种高频测试应用的 PCB 板端互联解决方案，主要包括 SMPM、SMA、2.92mm、2.4mm、1.85mm、1.0mm 等标准规格。另外同时提供免焊系列和微焊系列，并兼容市场主流 PCB 封装。

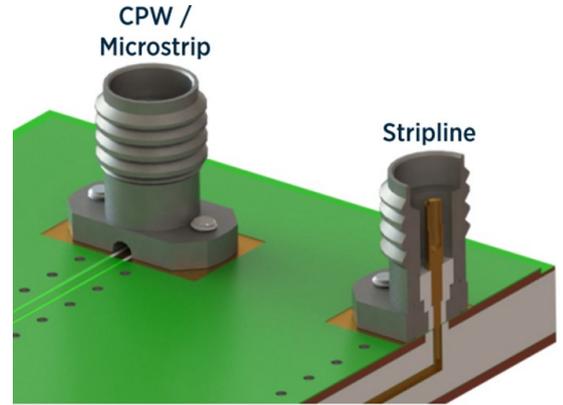
Doodoo technology has designed a variety of high frequency test PCB connector solutions from DC to 67GHz, mainly including SMPM, SMA, 2.92mm, 2.4mm, 1.85mm, 1.0mm and other standard specifications. In addition, it also provides solderless series and soldered series, and is compatible with the mainstream PCB Layout solutions in the market.



SMA/2.92/2.4/1.85mm PCB 板端连接器 (DJ0S 系列垂直免焊版本)

DJ0S 系列—垂直免焊板端连接器系列 (选型说明)

铎铎公司推出的垂直免焊板端连接器包括 24 种型号，最高工作频率达 110GHz。这些装接连接器采用可重复使用的压接配件，并可用于微带线或带状线，适用接口包括 SMPM、1.0mm、1.85mm、2.4mm、2.92mm 及 SMA，所有型号可免焊安装。这些可拆式垂直装接连接器采用不锈钢外导体，镀金铍铜中心触点及高性能电介质，使用寿命长，可多次重复使用。



No.	类别	铎铎型号	Amphenol SV	Molex	Rosenberger	描述			
						开槽	介质	带宽	备注
1	1.0mm	DJ0S-6H-M	\	\	\	否	PTFE	110GHz	
2		DJ0S-6H-MC	\	\	\	是	PTFE	110GHz	
3	1.85mm	DJ0S-5G-0	SF3321-60018	\	\	否	PEI	67GHz	
4		DJ0S-5G-C	SF3321-60024	\	\	是	PEI	67GHz	
5		DJ0S-5G-AP	SF3321-60033	\	\	否	PEI	67GHz	Pogo
6		DJ0S-5G-CP	SF3321-60032	\	\	是	PEI	67GHz	Pogo
7		DJ0S-5G-M	\	73157-000	08K721-40MS3	否	PTFE	67GHz	
8		DJ0S-5G-MC	\	\	08K722-40MS3	是	PTFE	67GHz	
9	2.4mm	DJ0S-4F-0	SF1621-60029	\	\	否	PEI	50GHz	
10		DJ0S-4F-C	SF1621-60026	\	\	是	PEI	50GHz	
11		DJ0S-4F-AP	SF1621-60049	\	\	否	PEI	50GHz	Pogo
12		DJ0S-4F-CP	SF1621-60048	\	\	是	PEI	50GHz	Pogo
13		DJ0S-4F-M	\	73387-002	09K721-40MS3	否	PTFE	50GHz	
14		DJ0S-4F-MC	\	\	09K722-40MS3	是	PTFE	50GHz	
15	2.92mm	DJ0S-3E-0	SF1521-60061	\	\	否	PEI	40GHz	
16		DJ0S-3E-C	SF1521-60070	\	\	是	PEI	40GHz	
17		DJ0S-3E-AP	SF1521-60124	\	\	否	PEI	40GHz	Pogo
18		DJ0S-3E-CP	SF1521-60115	\	\	是	PEI	40GHz	Pogo
19		DJ0S-3E-M	\	73252-009	02K721-40MS3	否	PTFE	40GHz	
20		DJ0S-3E-MC	\	73252-016	02K722-40MS3	是	PTFE	40GHz	
21	SMPM (GPPO)	DJ0S-CG-S	\	\	\	否	PEEK	67GHz	
22		DJ1S-CG-D	\	\	\	是	PEEK	67GHz	
23	SMA	DJ0S-1C-0	SF2921-61356	73251-348	03K721-40MS3	否	PTFE	26.5GHz	
24		DJ0S-1C-C	SF2921-61456	\	03K722-40MS3	是	PTFE	26.5GHz	

射频线缆组件 DC 系列

RF Cable Assemblies-DC Series



铎铎科技可以提供带宽可达 110G 的各种规格射频线缆组件，我们的同轴电缆组件产品可应对各种应用场景：实验室射频测试和测量中需要的高质量射频链接；国防/军事应用中需要射频线缆组件更加坚固耐用；以及生产环境等一般应用中追求更高性价比等。

Doodoo technology can offer RF cable assemblies with bandwidth up to 110GHz. Our cable assembly products are used in applications requiring high quality such as laboratory RF test and measurement, rugged and designed for defense / military, production environments, general use, etc.



2.92mm-JJ (DC-40G)线缆组件示例

2.92mm-JJ (DC-40G) 编织铠装线缆组件示例

1.0mm-JJ (DC-110G)编织铠装线缆组件示例

1.85mm-JJ (DC-67G)编织铠装线缆组件示例

工具及附件-负载 DL、隔直器 DB、衰减器 DA 系列

Tools and Accessories - DL、DB、DA Series

- **同轴负载 Terminator** 主要用于吸收射频或微波系统的功率，可作为测试设备或者天线的假负载和发射机终端。也可以作为多端口微波器件如环行器、方向耦合器的匹配端口，广泛应用于移动通讯，航空航天，雷达，医疗设备等军民用通信市场。

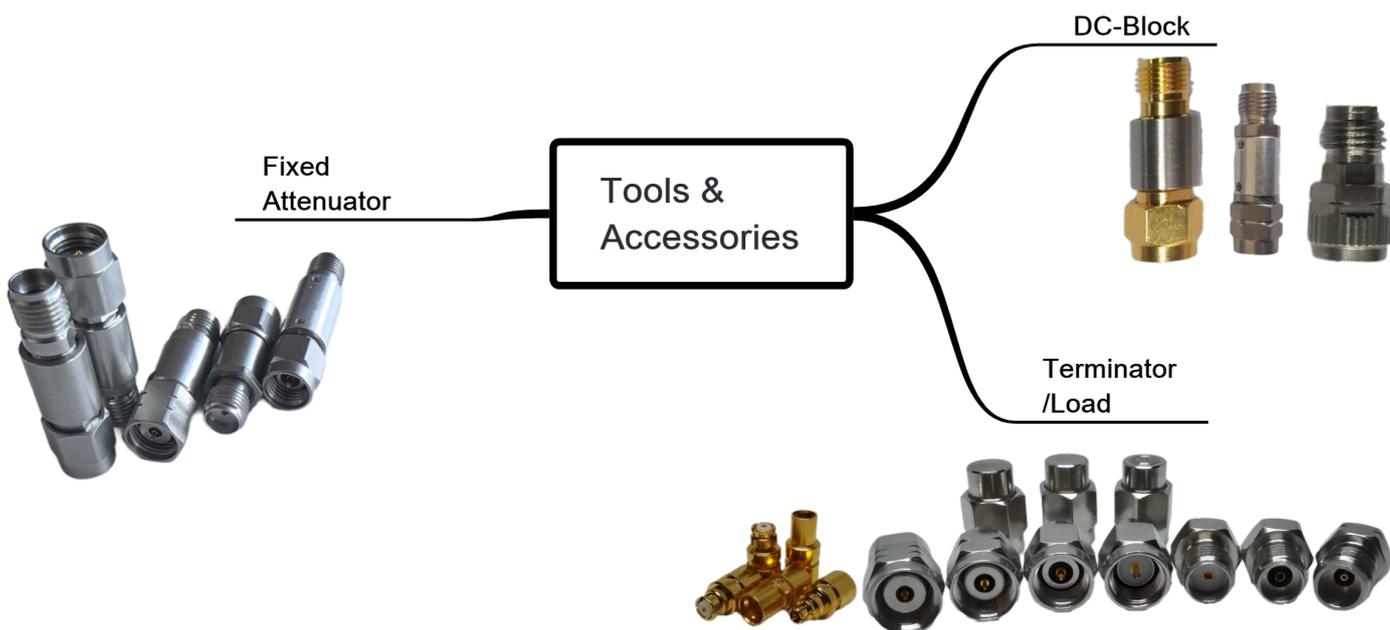
The coaxial terminator is mainly used to absorb power in RF (Radio Frequency) or microwave systems. It can serve as a dummy load for test equipment or antennas, as well as a terminal for transmitters.

- **隔直器 DC-Block** 用来接入传输线中隔离直流电源对信号源和测试仪器的影响，具有宽频带，低损耗等特点。

The DC-Block is inserted into transmission lines to isolate the impact of DC power supplies on signal sources and test instruments. It features key advantages such as a wide frequency band and low loss.

- **同轴固定衰减器 Fix Attenuator** 适用于任何需要降低功率电平或进行电路匹配的场所，广泛应用于通讯研发测试、移动通讯、航空航天、雷达等军民用通信市场。

The coaxial fixed attenuator is suitable for any scenarios requiring power level reduction or circuit matching. It is widely used in communication markets, including communication R&D and testing, mobile communications, aerospace, and radar systems.



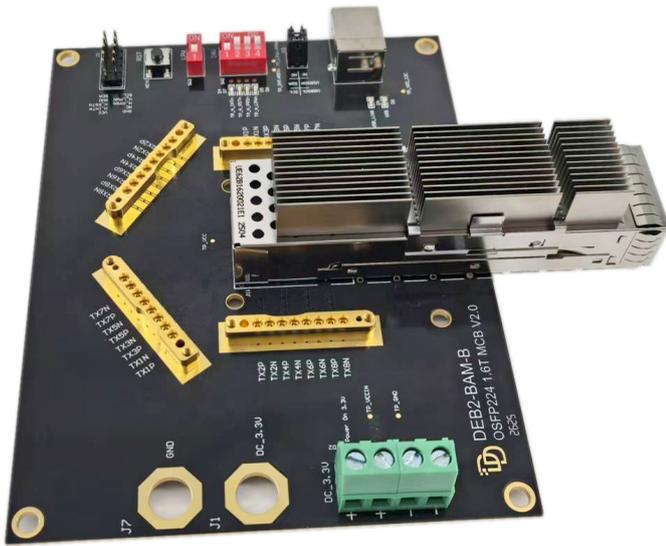
光模块测试评估板 EDB 系列

Module Compliance Board DEB Series

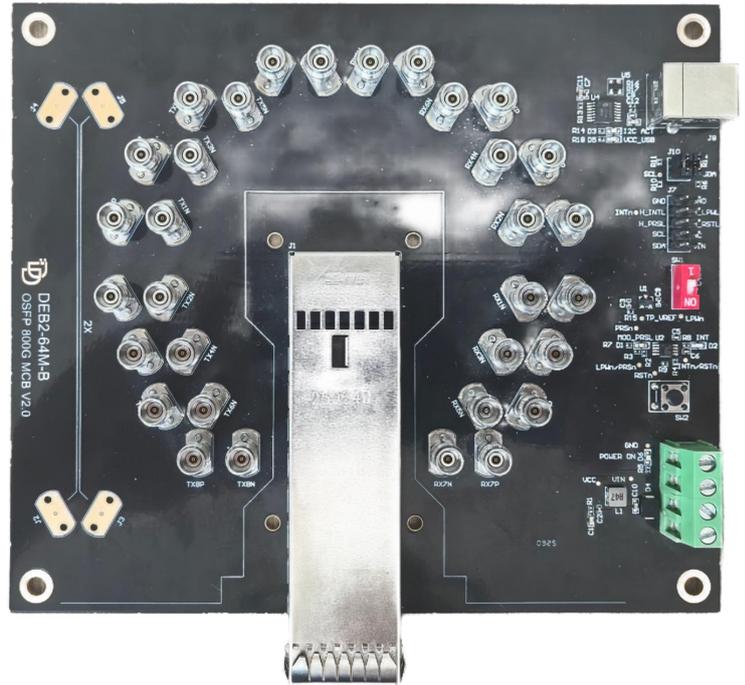
铎铎科技提供 SFP\QSFP\QSFP-DD\OSFP\OSFP-XD 等光模块评估测试板 MCB 和 HCB，速率支持 10Gbps~ 1.6Tbps 范围，满足常规光模块和交换机等的研发和生产验证测试。

The module compliance board (**MCB**) enables the serial communication between the bit error rate (BER) tester and the optical transceiver. And the host compliance board (**HCB**) enables the testing of system host ports.

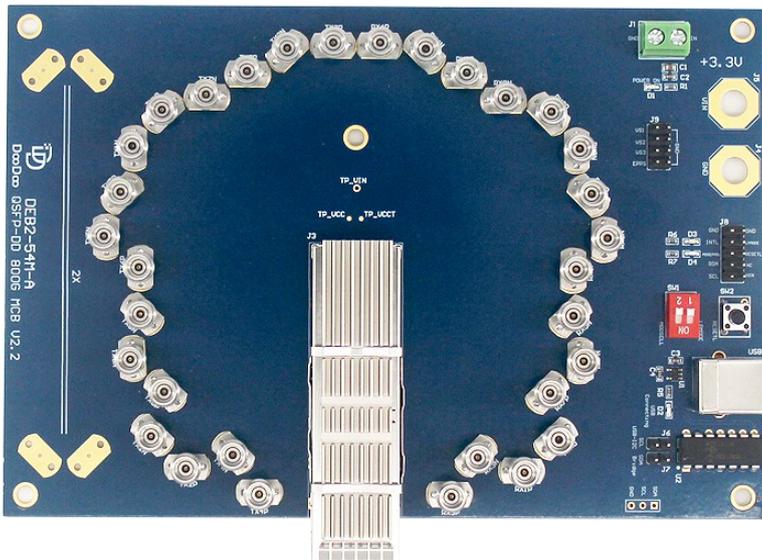
Doodoo Technology provides SFP\QSFP\QSFP-DD\OSFP\OSFP-XD and other optical module evaluation test board MCB and HCB, the rate supports 10Gbps~ 1.6Tbps range, to meet the development and production verification test of optical modules and switches.



OSFP224 1.6T MCB



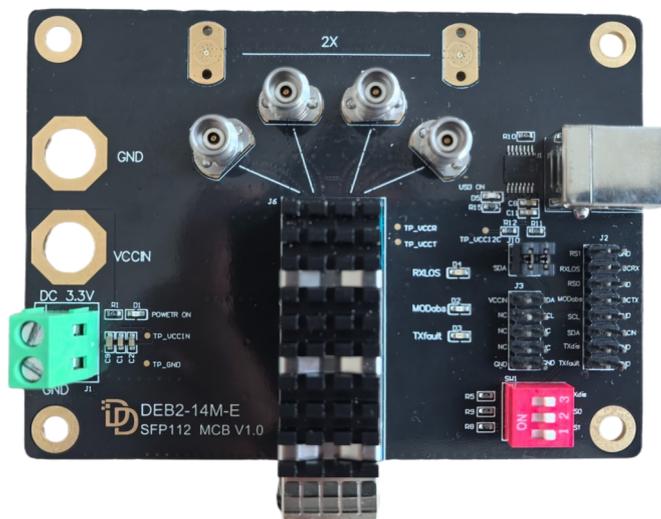
OSFP 800G MCB (1.85mm 连接器版本)



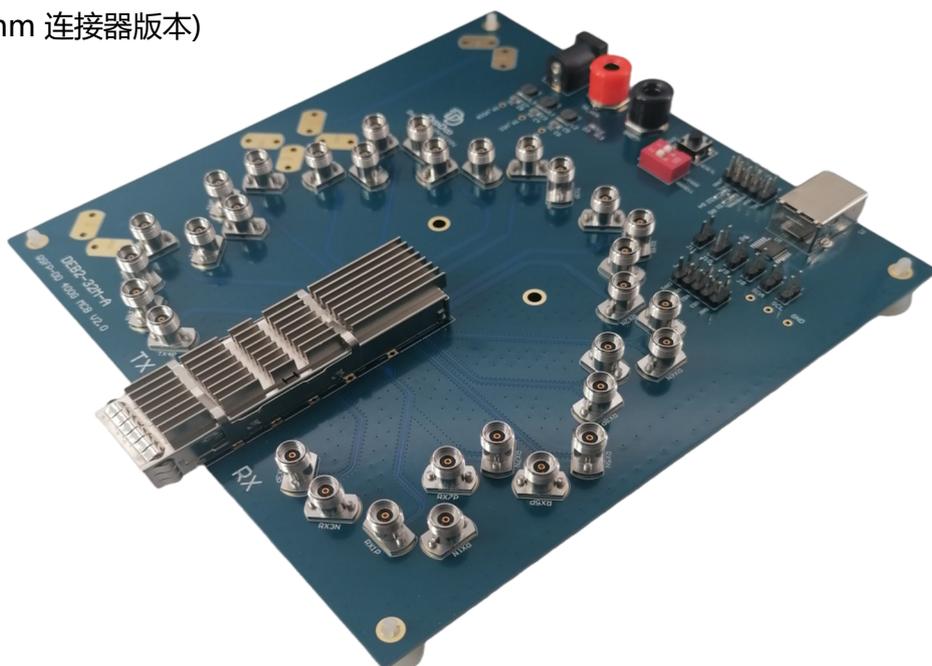
QSFP-DD 800G MCB (1.85mm 连接器版本)



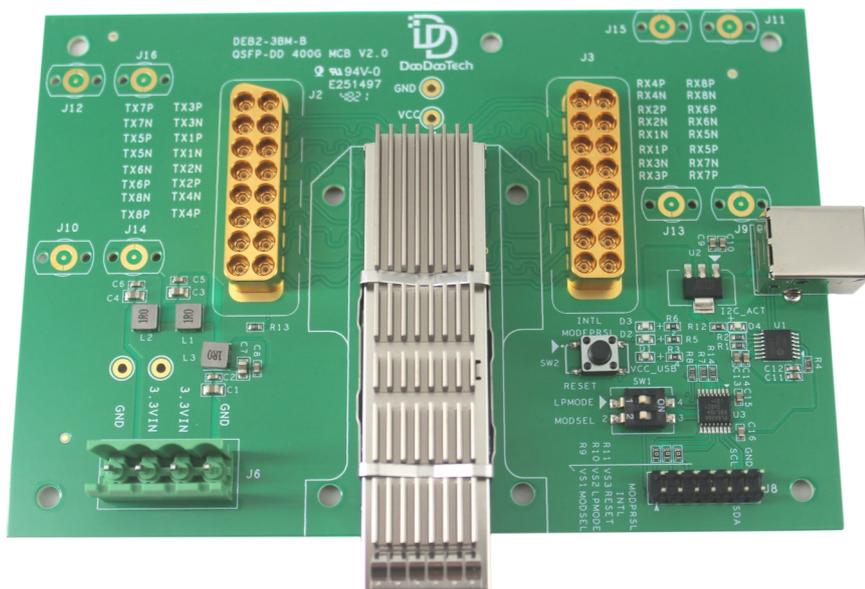
QSFP112 400G MCB (1.85mm 连接器版本)



SFP112 MCB (1.85mm 连接器版本)



QSFP-DD 400G MCB (2.92mm 连接器版本)



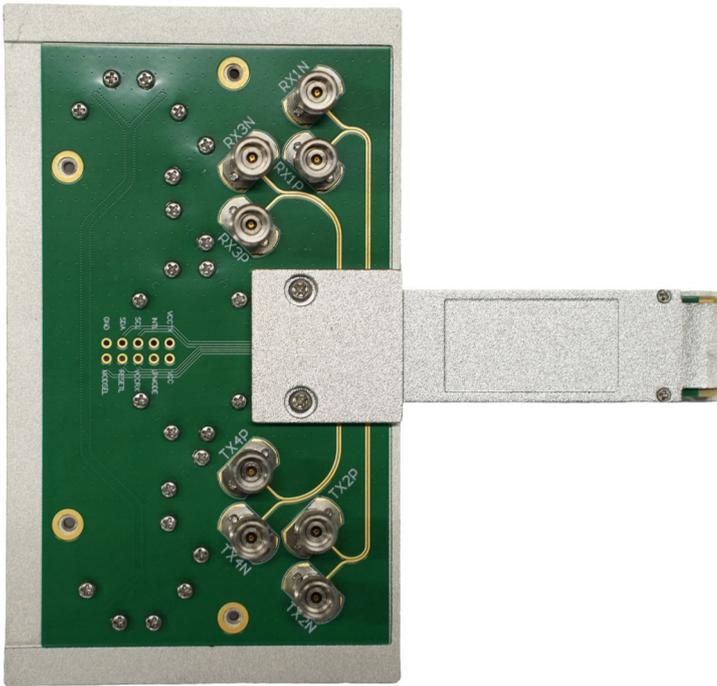
QSFP-DD 400G MCB (2x8 连接器版本)



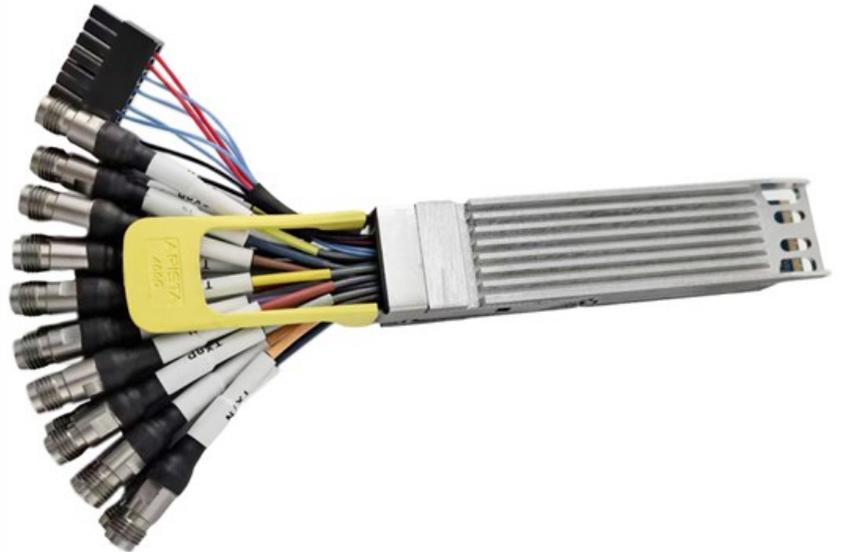
SFP112 HCB (1.85mm 线缆低插损版本)



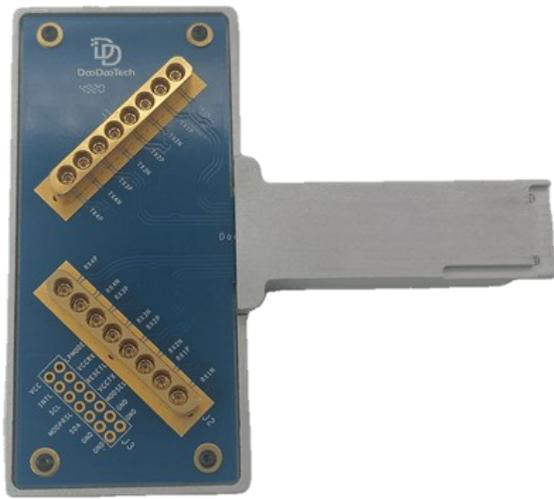
SFP112 HCB (1.85mm 连接器版本)



QSFP112 HCB (1.85mm 连接器版本)



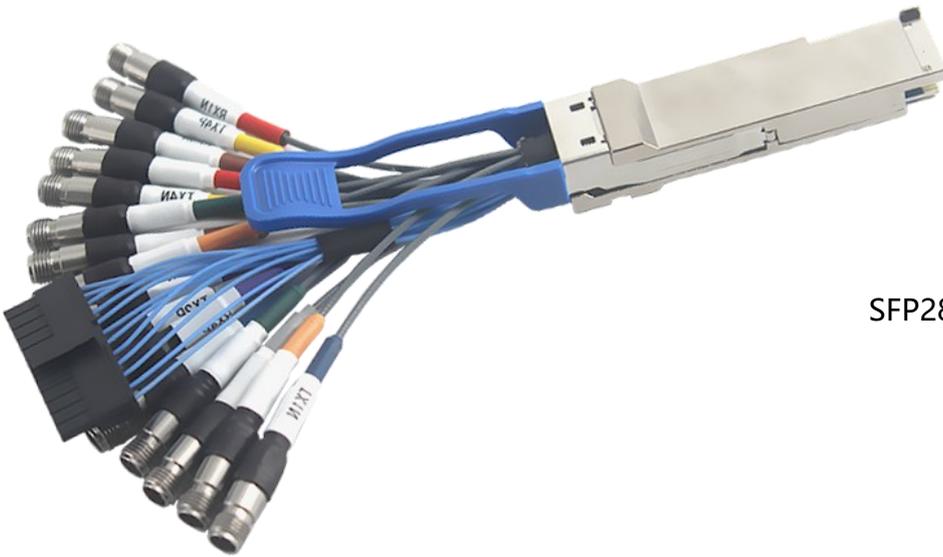
OSFP 800G HCB (1.85mm 线缆低插损版本)



QSF28/56 HCB (1x8 连接器版本)



SFP28/56 HCB (2.92 连接器版本)



QSF28/56 HCB (2.92mm 线缆低插损版本)



SFP28/56 HCB (2.92mm 线缆低插损版本)

差分 ISI 测试评估板

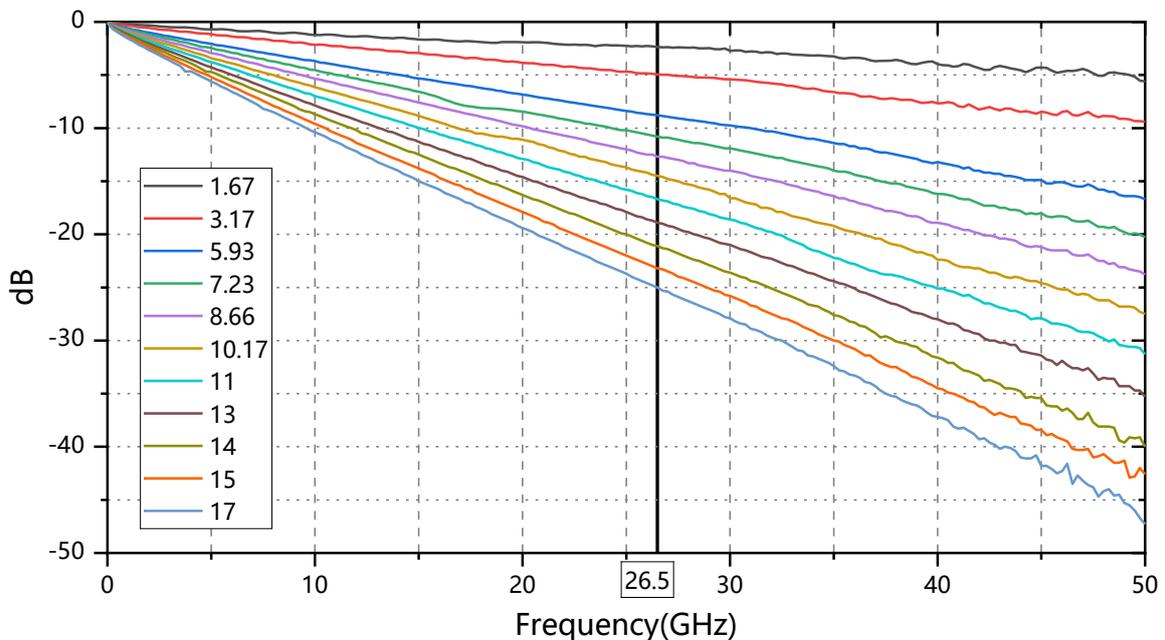
Differential ISI Board

DEB6 系列 ISI 板按协议标准提供不同长度的信号传输通道，为通道测试添加通道压力和信号校准。无论是校准通道还是对 DUT 进行压力测试，DEB6 系列 ISI 板都能满足需求。

The **DEB6 Series** Differential ISI Board meets the needs of engineers constructing stressed eye type receiver jitter tolerance test signals. It provides a convenient variety of realistic test channels for designers wanting to exercise semiconductor circuits with features such as de-emphasis.



DEB6-2208M V2.0 50GHz ISI BOARD



Measured Forward SDD21 responses for all lengths (insertion loss)

DEB 系列 PCB 测试板 (选型说明)

DEB Series PCB Test Board —Selection Guide

No.	型号	MSA 接口	速率规格	连接器	应用	备注
1	DEB2-12M-E	SFP28/56	28Gbaud	2.92mm	25\56G 光模块测试	MCB
2	DEB2-14M-E	SFP112	56Gbaud	1.85mm	100G 光模块测试	
3	DEB2-72M-A	DSFP	2*28Gbaud	2.92mm	50\100G 光模块测试	
4	DEB2-7AM-A	DSFP	2*28Gbaud	1*8 连接器	50\100G 光模块测试	
5	DEB2-2AM-A	QSFP28/56	4*28Gbaud	1*8 连接器	100\200G 光模块测试	
6	DEB2-22M-A	QSFP28/56	4*28Gbaud	2.92mm	100\200G 光模块测试	
7	DEB2-24M-B	QSFP112	4*56Gbaud	1.85mm	400G 光模块测试	
8	DEB2-32M-B	QSFP-DD	8*28Gbaud	2.92mm	400G 光模块测试	
9	DEB2-3BM-B	QSFP-DD	8*28Gbaud	2*8 连接器	400G 光模块测试	
10	DEB2-42M-A	OSFP	8*28Gbaud	2.92mm	400G 光模块测试	
11	DEB2-54M-E	QSFP-DD 800G	8*56Gbaud	1.85mm	800G 光模块测试	
12	DEB2-64M-B	OSFP 800G	8*56Gbaud	1.85mm	800G 光模块测试	
13	DEB2-BBH-A	OSFP224 1.6T	8*112Gbaud	2*8 连接器	1.6T 光模块测试	
14	DEB2-BAM-B	OSFP224 1.6T	8*112Gbaud	1*8 连接器	1.6T 光模块测试	
15	DEB2-CBM-A	OSFP-XD 1.6T	16*56Gbaud	2*8 连接器	1.6T 光模块测试	
16	DEB4-123-B	SFP\QSFP\QSFP-DD	\	\	25\100\400G 光模块 EMI 测试	Loopback MCB
17	DEB4-56-A	QSFP\QSFP-DD	\	\	800G 光模块 EMI 测试	
18	DEB3-12M-A	SFP/SFP28	28Gbaud	2.92mm	SFP 光模块测试板验证	HCB
19	DEB3-12H-A	SFP/SFP28	28Gbaud	2.92 线缆	SFP 光模块测试板验证	
20	DEB3-7AM-A	DSFP	2*28Gbaud	2.92mm	DSFP 光模块测试板验证	
21	DEB3-32H-A	QSFP28/56	4*28Gbaud	2.92 线缆	QSFP 光模块测试板验证	
22	DEB3-14H-C	SFP112	56Gbaud	1.85 线缆	SFP112 光模块测试板验证	
23	DEB3-24M-A	QSFP112	4*56Gbaud	1.85mm	QSFP112 光模块测试板验证	
24	DEB3-64H-C	OSFP 800G	8*56Gbaud	1.85 线缆	OSFP 800G 光模块测试板验证	
25	DEB6-2101T	\	DC-20GHz	2.92mm	SI 验证测试	ISI
26	DEB6-2208M	\	DC-50GHz	2.4mm	SI 验证测试	
27	DEB6-2507K	\	DC-85GHz	1.0mm	SI 验证测试	

单波 224Gbps 高速误码仪

High-Speed 8x224Gbps 1.6T BERT

D8400 是应用于 400G~1600G 高速串行信号误码测试的高性能比特误码分析仪(BERT), 可用于物理层表征和一致性测试。凭借对 4 电平脉冲幅度调制(PAM4)支持, 以及高达 113Gbaud 的符号率, 覆盖了 400G/800G/1600G。



D8404A : 4*200G BERT

D8400 系列产品特点:

- ◇ 速率范围支持从 53.125bps ~ 226Gbps/CH, PAM4 信号调制。
- ◇ 8 路最高 226Gbps、快速上升沿、低固有抖动。
- ◇ 支持硬件 PCS 层 FEC 编解码/FEC 纠错测试与分析。
- ◇ 支持 4 阶~13 阶 Taps, 发射端的去加重调制。
- ◇ 触发信号支持分频输出(2 分频 ~ 16 分频)。
- ◇ 可通过以太网口或 USB 虚拟串口发送远程命令, 实现灵活程控。

D8400 Series Features :

- ◇ Rate range support from 53.125 bps ~ 226 Gbps/CH
- ◇ 8 channels supporting up to 226 Gbps each, low intrinsic jitter.
- ◇ Support for hardware PCS layer FEC encoding/decoding and FEC error correction testing and analysis.
- ◇ Support for 4-tap ~ 13-tap de-emphasis
- ◇ Support Trigger Clock (1/2~1/16).

高速光电时钟恢复单元

Optical and Electric Clock Data Recovery Solutions

D6000 系列时钟恢复解决方案，为高速光电眼图测试提供时钟支持，并支持广泛的数据速率范围（最高速率可达 60Gbaud）。时钟恢复解决方案提供数据时钟提取功能并支持 (NRZ) 和 (PAM4) 信号。光/电信号时钟恢复集成了电时钟恢复单元与放大的光电(O/E)转换模块，使其能够同时用于电学和光学应用。并提供高灵敏度和低固有抖动性能，确保最佳的测量精度。

The D6000 Series clock recovery solution provides clock support for high-speed photoelectric eye diagram testing and offers a wide range of data rates (up to 60Gbaud). The D6000 Series electrical clock recovery solutions provide clock recovery capabilities for electrical non-return-to zero (NRZ) and pulse amplitude modulation 4-level (PAM4) signals. Optical/Electrical clock recovery integrates electrical clock recovery with an amplified optoelectronic (O/E) converter, enabling it to be used for both electrical and optical applications. It also provides high sensitivity and low inherent jitter performance to ensure the best measurement accuracy.



D6200B : 60Gbaud CRU

D6200B 特点:

- ◇ 支持 NRZ 和 PAM4 信号，速率可高达 120Gbps（60Gbaud）。
- ◇ 整合 O/E 和时钟恢复设计，同时支持光口和电口时钟恢复。
- ◇ 支持差分电口输出（可以同时给多台示波器提供时钟）。
- ◇ 支持单模和多模光信号，灵敏度都小于 $< -10\text{dBm}$ 。
- ◇ 超低随机抖动 $< 230\text{ fs RMS}$ 。

D6200B Features :

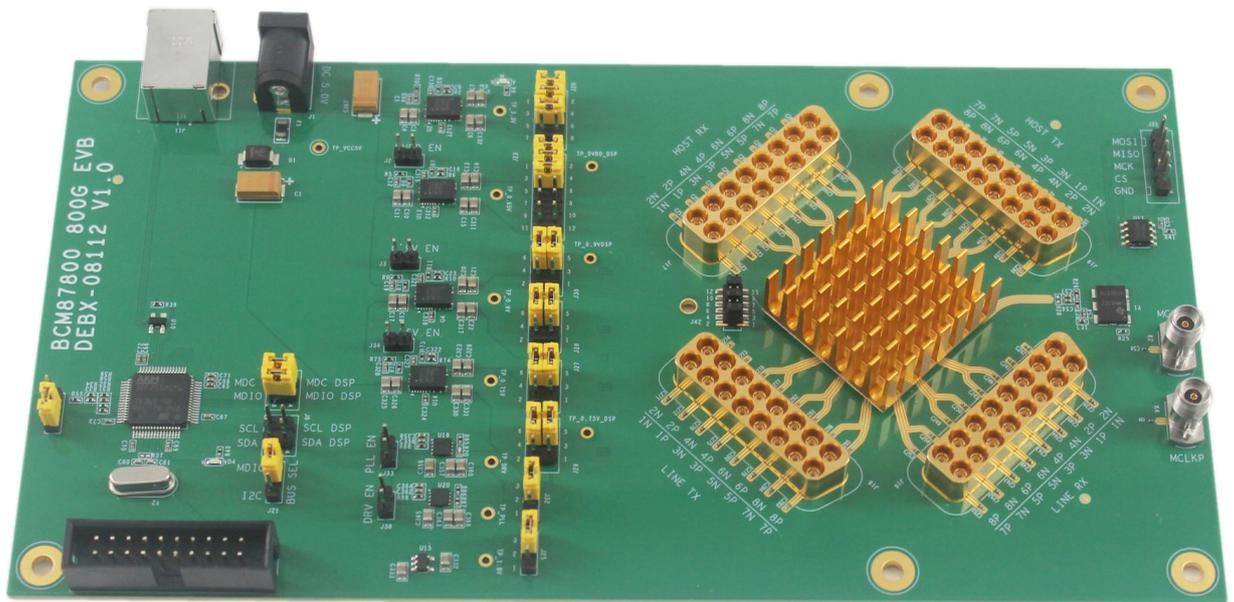
- ◇ Supports NRZ and PAM4 signals, up to 60Gbaud.
- ◇ Integrated O/E and clock recovery design, support electrical and optical applications.
- ◇ support differential clock output, enabling it to be used for two sampling oscilloscopes.
- ◇ Support single mode and multi-mode optical signals, sensitivity is less than $< -10\text{dBm}$.
- ◇ Ultra-low residual random jitter $< 230\text{ fs RMS}$.

高速误码测试评估板

High-Speed 800G BERT EVB

DEBX 系列是一个低成本、简单易用的多通道误码测试评估板。其中 DEBX-08112 EVB 可作为 800G 高速误码率测试夹具，用于高速光电器件、线缆组件、光模块和系统的研发和生产测试。它支持多种数据速率和 NRZ/PAM4/PAM4+FEC 模式，以满足不同的应用需求。

DEBX series is a cost-effective, easy-to-use multi-channel BERT EVB. DEBX-08112 EVB can be used as 800G high-speed electrical bit-error-ratio tester (BERT) for testing components, cables, optical module and systems in R&D and manufacturing environments. It supports multi data rate and NRZ/PAM4/PAM4+FEC mode for different requirement.



DEBX-08112 (8*112Gbps BERT EVB)

DEBX-08112 评估板特点:

- ◇ 支持多种数据速率 (涵盖 8*56Gbps 和 8*112Gbps) 和 NRZ/PAM4/PAM4+FEC 模式。
- ◇ 输出接口支持 7 阶加重。
- ◇ 支持 KP4 FEC 分析。
- ◇ Host 和 Line 侧都通过 2*8 连接器引出，方便使用。
- ◇ 支持同步时钟输出。

DEBX-08112 EVB Features :

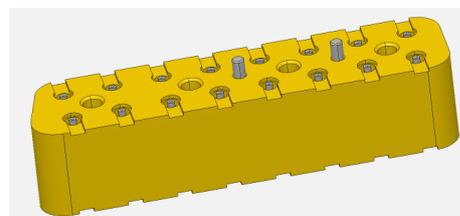
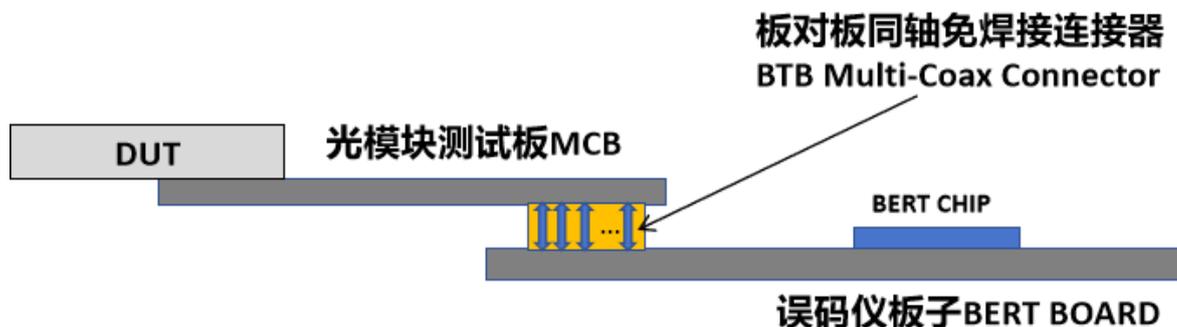
- ◇ Support Multi-data rate.
- ◇ Support NRZ/PAM4/PAM4+FEC(KP4) mode.
- ◇ Output configurable Seven-tap Pre-emphasis.
- ◇ KP4 FEC Analyze.
- ◇ Multi-Coax RF Connectors.

高速光模块误码测试系统

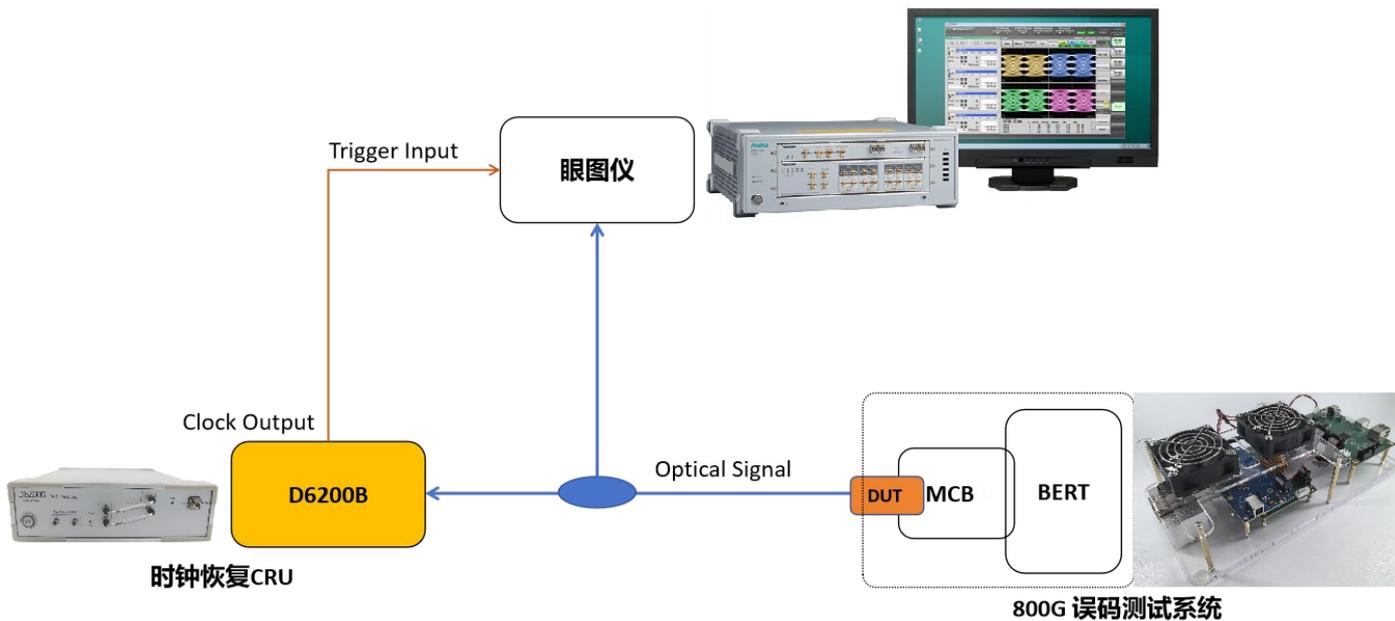
High-Speed Optical Module BERT System

高速光模块误码测试系统集成了 **BERT, MCB** 和**电源通讯控制板**, 简化 400\800G 光模块误码测试系统的搭建。BERT 和 MCB 通过**板对板连接器 (专利产品)** 进行**免焊接互连** (方便 MCB 的更换), 电源通讯控制板负责给 BERT 板和待测光模块供电, 并支持把待测光模块的功耗、寄存器的读写以及误码率上报给上位机。

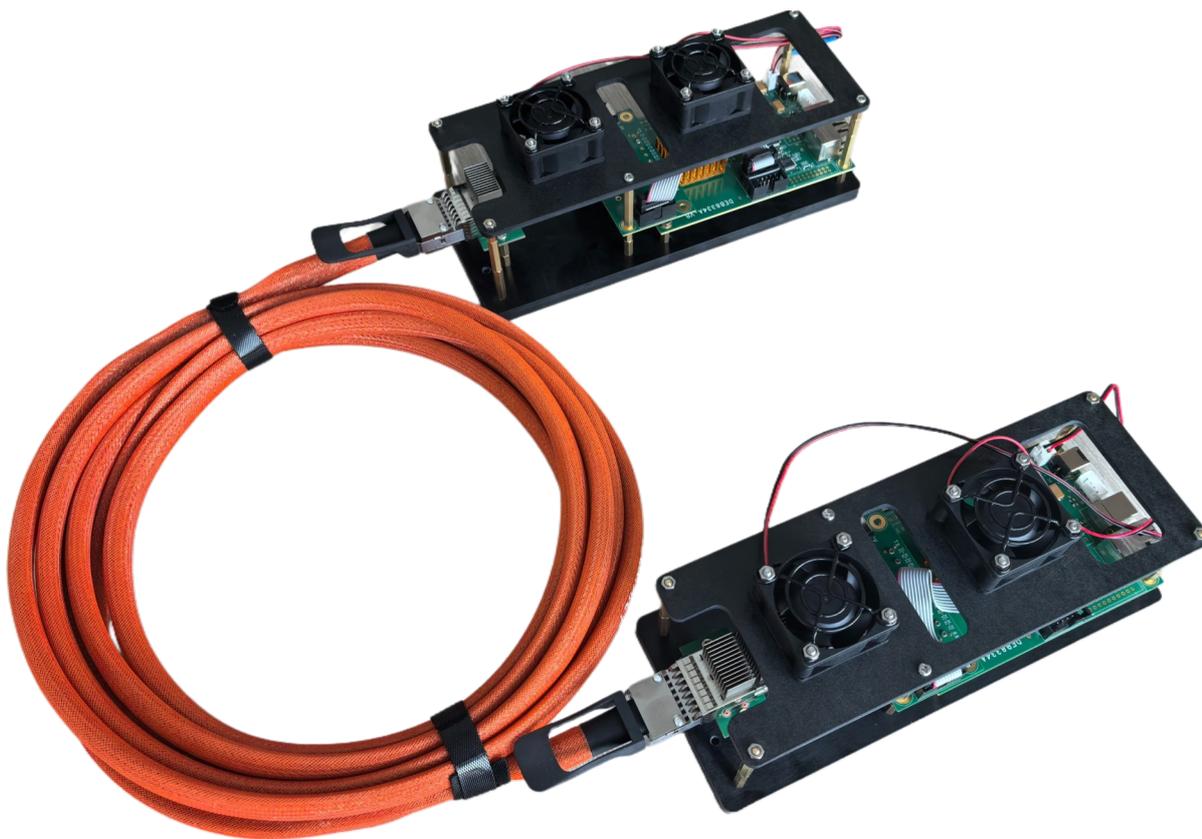
The high-speed optical module BER test system integrates BERT, MCB and power communication control board, simplifying the construction of 400\800G optical module BER test system. BERT board and MCB are solderless connected through board-to-board multi-coax connectors (patented product) (to facilitate MCB replacement). The power communication control board is responsible for power supply to BERT board and the optical module DUT, and reports the DUT power consumption, register read and write, and BER of the optical module to the host computer.



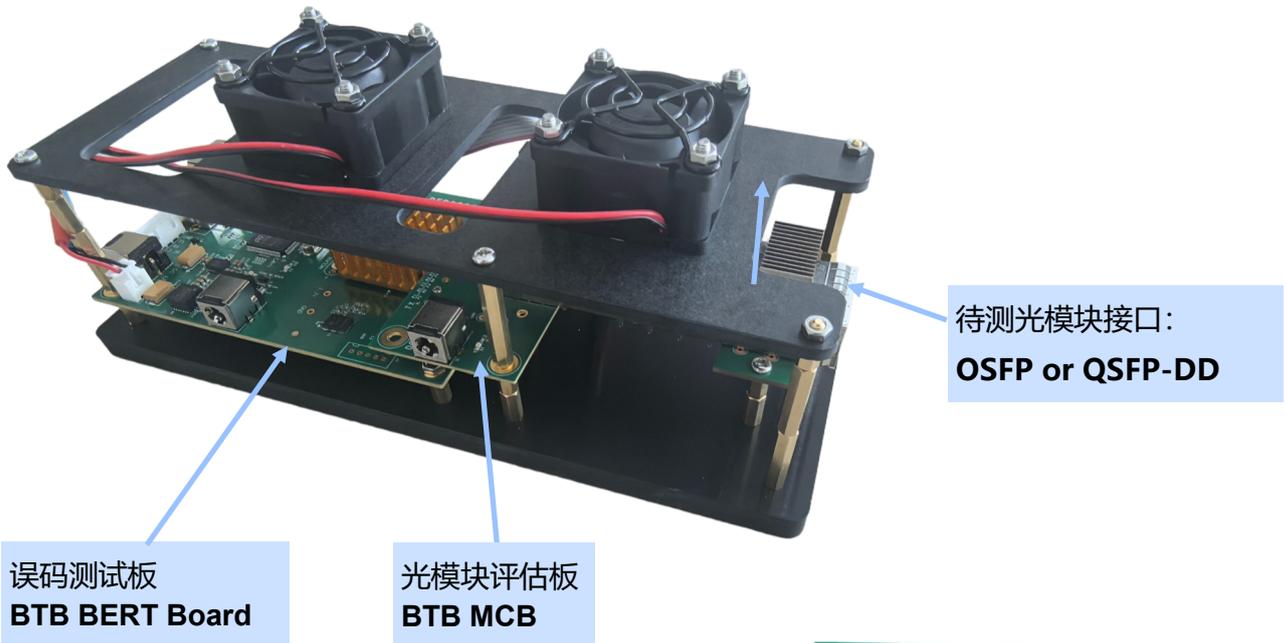
专利产品 Patented Product: BTB Multi-Coax Connector



800G 光模块测试系统
800G Optical Module Testing System



800G AEC/DAC 误码测试系统
800G AEC/DAC Cable BER Testing System



800G BTB BERT Board



800G BTB MCB

测试系统特点:

- ◇ MCB 和 BERT 通过 BTB 连接器免焊连接，省去了常规的线缆连接，降低成本。
- ◇ BTB 连接器免焊接的装配方式，可反复多次使用，方便后续 MCB 更换。
- ◇ MCB 可支持 QSFP-DD、OSFP 等多种接口形态。
- ◇ MCB 板上的光模块插座放置于板边缘，同时兼容后续的热流仪三温测试方案。

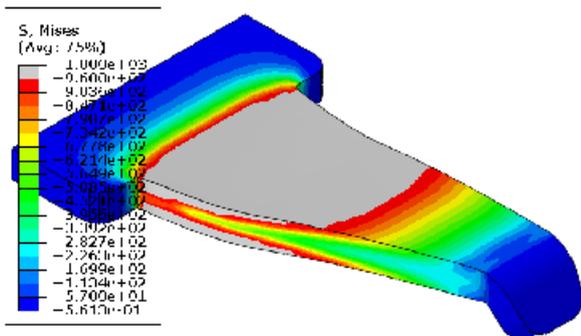
Test System Features :

- ◇ The MCB and BERT are solderless connected with BTB RF connectors, remove the cable connections and reducing costs.
- ◇ BTB connector is high frequency , pogo pin structure, convenient for MCB replacement.
- ◇ The MCB supports: QSFP-DD and OSFP.
- ◇ The optical module socket on the edge of MCB board , and is compatible with the TEC fixture or air flow test solutions.

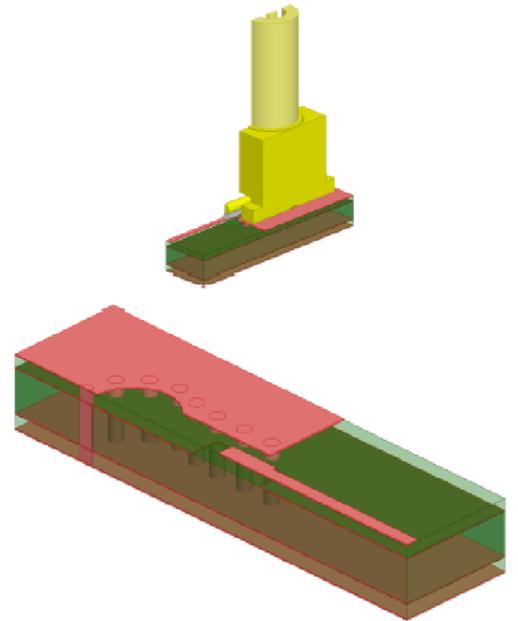
技术服务 Technical Service

铎铎科技提供专业的板端连接器焊盘研发设计导入服务。通过三维电磁场仿真，为用户提供最佳的板端连接器性能。尽管我们已经提供了足够丰富的产品来满足客户应用需求，但是仍然有一些独特应用场景需要定制化的产品服务。基于多年来的技术经验积累，铎铎科技有足够的能力来为客户提供独特的定制化服务。

Doodoo technology offers a professional design-in service for board connector footprints. By the use of three dimensional electromagnetic field simulation the optimal performance of the board connectors is provided to the customers. Although our standard connectivity solutions is broad and miscellaneous, there are customer applications which need a special solution. Based on the capabilities and years of experience, Doodoo technology is the ideal partner when customized solutions are demanded.



PIN Contact Stress Analysis
连接器 PIN 接触应力分析



HFSS Model and Simulation
信号完整性分析



铎铎电子科技（杭州）有限公司

High-Speed Connectivity & Testing Solutions



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