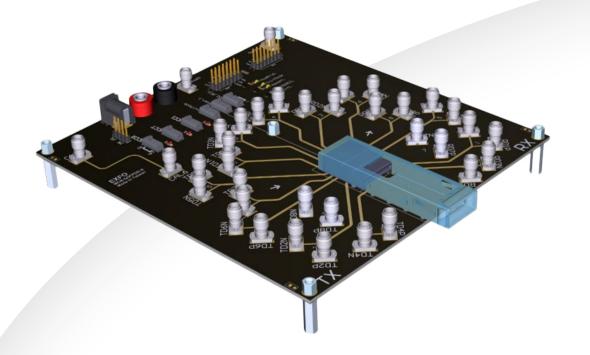# Module compliance board (MCB)

MCB TO TEST NEXT-GEN TRANSCEIVERS

The module compliance board (MCB) enables serial communication between the bit error rate (BER) tester and the optical transceiver.

KEY FEATURES

MSA supported: QSFP-DD, OSFP, QSFP28, SFP28, SFP-DD and DSFP

Pin for standard MSA

Supports 90 degree 2.92 mm RF connectors or 1x8 multi-coaxial 0-SMPM RF connectors

DDMI connection (I^{2}C)

Switch control (VccT/ VccR/Vcc1/LPMode/ResetL/MODSEIL)

LED monitor (VccT/VccR/Vcc1/ModPrsL/InitMod/ResetL/MODSEIL/IntL)

3 types Vcc inputs (header pin/power jack/banana)

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QSFP28 MCB

QSFP-DD MCB

OSFP MCB

SPECIFICATIONS

MCB model	Form factor	RF connector
QSFPDD-O	QSFP-DD	1x8 O-SMPM
QSFPDD-K	QSFP-DD	K (2.92 mm)
OSFP-O	OSFP	1x8 O-SMPM
OSPF-K	OSFP	K (2.92 mm)
QSFP56-O	QSFP56 and QSFP28	1x8 O-SMPM
QSFP28-K	QSFP28	K (2.92 mm)
SFPDD	SFP-DD	K (2.92 mm)
DSFP	DSFP	K (2.92 mm)
SFP28-90	SFP28	90° K (2.92 mm)
SFP28-180	SFP28	180° K (2.92 mm)

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