

800G 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.

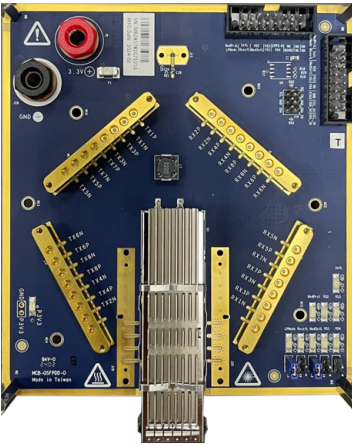


KEY FEATURES

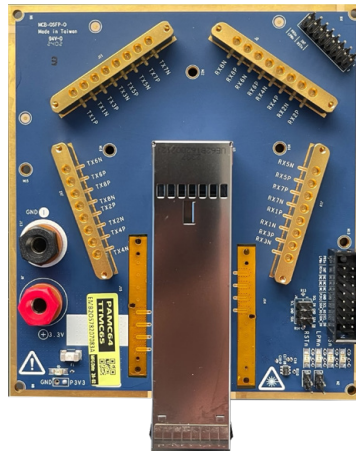
MSA supported: OSFP (IHS and RHS) and QSFP-DD

Standard MSA low-speed electrical hardware signals

CMIS/DDMI connection (I²C)



QSFP-DD MCB



OSFP MCB

SPECIFICATIONS

MCB MODEL	MCB-OSFP-0	MCB-QSFPDD-0
Description	800G OSFP MCB	800G QSFP-DD MCB
Form factor	OSFP (IHS and RHS ^a)	QSFP-DD
Durability	100 mating cycles	100 mating cycles
RF connector	1×8 O-SMPM (up to 67 GHz bandwidth)	1×8 O-SMPM (up to 67 GHz bandwidth)
Maximum current	12A	12A
Size without cage (W × D)	114 mm × 127 mm (4.5 in × 5 in)	114 mm × 127 mm (4.5 in × 5 in)
Operation temperature	-40 °C to 85 °C (-40 °F to 185 °F)	-40 °C to 85 °C (-40 °F to 185 °F)

a. Users can disassemble OSFP-IHS cage from MCB and assemble OSFP-RHS cage onto the MCB.

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