

PRE-Q200-2Q100-2-IB-AOCxxM

QSFP56 Breakout AOC, 850nm, 200GbE/IB-to-2x100GbE/IB,
1-40m, MMF, C-Temp



Product Features:

- 850nm VCSEL Transmitters
- PIN Receivers
- Cable lengths up to 40m
- 5W Power consumption on 200G-end
- 3.5W Power consumption on 100G-ends
- Commercial Temperature Rated
- Digital Diagnostic Monitoring (DDM)



Product Applications:

- 200GE/InfiniBand to 2x 100GE/
InfiniBand Breakout
- Data Centers and Cloud Networks

Standards:

- QSFP MSA
- SFF-8636
- ROHS 10

General Specifications:

Parameter	Min	Typical	Max	Unit	Note
Case Operating Temperature	0	-	70	C°	
Power Consumption 200g end	-	-	5	W	
Power Consumption 100g end	-	-	3.5	W	
Power Supply Voltage	3.135	3.300	3.465	V	
Storage Humidity	5	-	85	%	
Storage Temperature	-40	-	85	C°	
Transmission Distance	-	-	40	m	
Data Rate (Total)	-	212.50	-	Gbps	1

Notes:
1 - Total aggregate bit rate

PRE-Q200-2Q100-2-IB-AOCxxM

QSFP56 Breakout AOC, 850nm, 200GbE/IB-to-2x100GbE/IB,
1-40m, MMF, C-Temp



Product Ordering Information

Part Number	Description
PRE-Q200-2Q100-2-IB-AOC05M	QSFP56 Breakout AOC, 850nm, 200GbE/IB-to-2x100GbE/IB, 5m, MMF, C-Temp
PRE-Q200-2Q100-2-IB-AOC15M	QSFP56 Breakout AOC, 850nm, 200GbE/IB-to-2x100GbE/IB, 15m, MMF, C-Temp
PRE-Q200-2Q100-2-IB-AOC30M	QSFP56 Breakout AOC, 850nm, 200GbE/IB-to-2x100GbE/IB, 30m, MMF, C-Temp
PRE-Q200-2Q100-2-IB-AOC40M	QSFP56 Breakout AOC, 850nm, 200GbE/IB-to-2x100GbE/IB, 40m, MMF, C-Temp

r1_06092026