

### 200G QSFP56 to 2x 100G QSFP56 Breakout Active Optical Cable.

The 200G QSFP56 to 2x 100G QSFP56 Breakout Active Optical Cable is used in 200 Gigabit Ethernet links over OM3/OM4/OM5 multimode fiber, which provides connectivity between system units with a 200GbE connector on one side and two separate 100GbE connectors on the other two sides.

The cable connects data signals from each of the 4 MMF (Multi Mode Fiber) pairs on the single QSFP56 end to the dual pair of each of the QSFP56 multiport ends. This Active Optical Splitter Cable is compliant with the QSFP-MSA and with 200GBASE-SR4 specification.

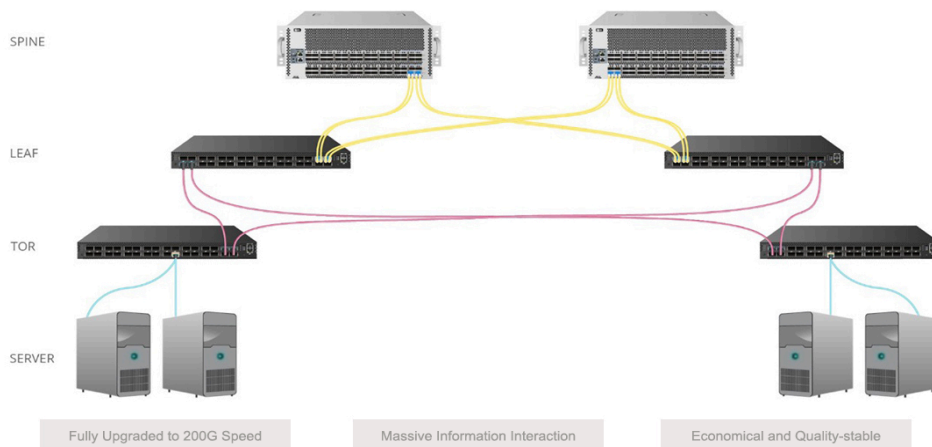


#### Features

- High-density QSFP56 MSA-compliant connectors
- 4 channels full-duplex active optical cables
- 4x uncooled 850nm VCSEL array and PIN photo-detector array (50G PAM4)
- Compliant with QSFP56 MSA, CMIS and IEEE 802.3cd 200GBASE-SR4
- Data rate up to 212.5Gbps
- Length up to 70m (OM3) or 100m (OM4/OM5) over MMF
- Power consumption < 5W (200G QSFP56), < 3W (100G QSFP56)
- Built-in digital diagnostic functionality
- Operating case temperature range from 0°C to 70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

#### Build a Strong 200G Foundation in Data Centers

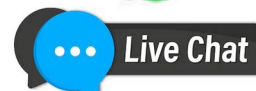
The 200G AOC breakout cable is suitable for short distances and offers a flexible way to connect within racks and across racks.



**Contact Us:**

Email: [sales@compufox.com](mailto:sales@compufox.com)

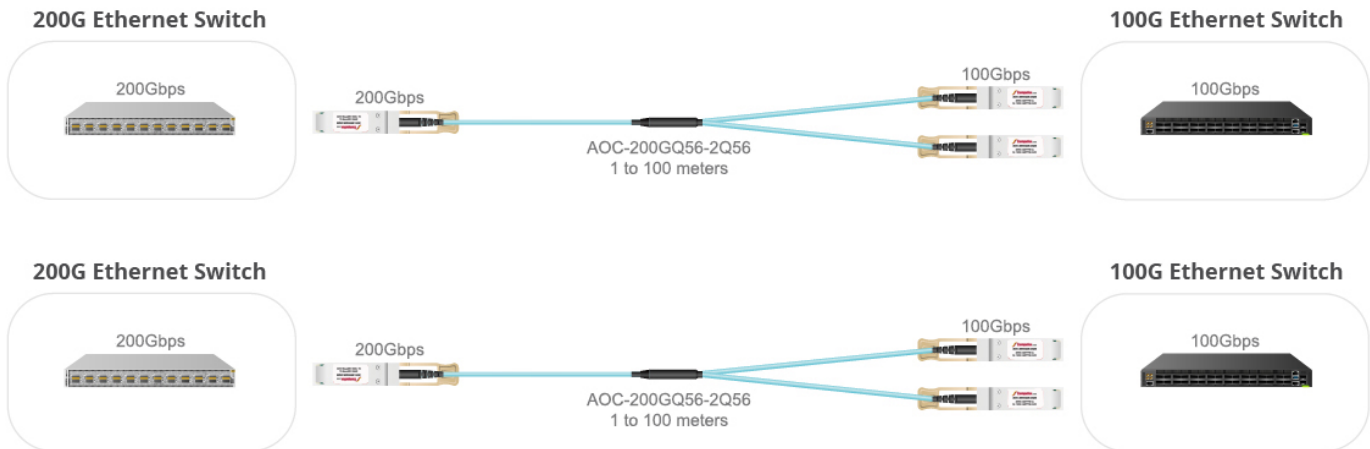
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## Applications

- I200GBASE-SR4 to 2x 100GBASE-SR2 Ethernet

## Connection Diagrams



| SPECIFICATIONS    |  |
|-------------------|--|
| Connector A       | 200G QSFP56                            |
| Connector B       | 2x 100G QSFP56                         |
| Max Data Rate     | 212.5Gbps                              |
| Max Length        | 100m (328ft)                           |
| Wavelength        | 850nm                                  |
| Media             | OM4 MMF                                |
| Temperature       | 0 to 70°C (32 to 158°F)                |
| Power Consumption | < 5W (200G QSFP56), < 3W (100G QSFP56) |