

# QDD-200G-2Q-DAC

QSFP-DD 200G to 2x100G QSFP28 Passive Breakout DAC Cable

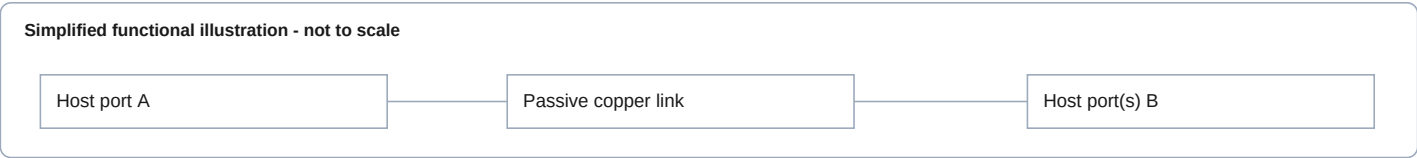
1. Product overview
- GLOBALfiber QDD-200G-2Q-DAC is a passive direct attach copper cable assembly for short-distance host interconnection.
2. Key features
- QSFP-DD to 2 x QSFP28; 25G per electrical channel; passive breakout.
3. Applications
- Data center networking, servers, storage, HPC, switches and routers.

4. Technical data

| Parameter                  | Specification                                                                    |
|----------------------------|----------------------------------------------------------------------------------|
| Electrical rate            | 25 Gb/s per channel                                                              |
| Raw cable                  | 28-30 AWG, 100 ohm, silver-plated copper; VW-1; RoHS2                            |
| PCB                        | M6, 8 layers; UL 94V-0; RoHS2                                                    |
| Gold finger finish         | Gold 30 microinch min; nickel 150-700 microinch                                  |
| PCB pad finish             | Immersion gold 1 microinch min; nickel 100 microinch min                         |
| Housing                    | Zinc diecast; copper 280 microinch min and nickel 120 microinch min              |
| Latch / spring / rivet     | SUS304 + PA66 CM3004 black / SUS301 EH / SUS304                                  |
| Strain relief / dust cover | PVC 45P black / antistatic PVC 60P blue                                          |
| Assembly                   | QSFP-DD to 2 x QSFP28; hardware Rev 4; low-loss PCB; receive DC blocking; EEPROM |

5. Recommended operating conditions

| Parameter                  | Specification                |
|----------------------------|------------------------------|
| Operating case temperature | 0 to +70°C (source features) |



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## 6. Optical characteristics

Not applicable. This is a passive copper cable; optical wavelength, launch power and receiver sensitivity do not apply.

## 7. Digital diagnostics and management

I2C EEPROM communication; SFF-8636 management.

## 8. Safety and regulatory

QSFP-DD MSA revision 3.4; SFF-8679; SFF-8636; IEEE 802.3bj/by/cd; RoHS. Use ESD-safe handling and observe the stated cable bend limits.

## 9. Ordering information

| Parameter                  | Specification                                            |
|----------------------------|----------------------------------------------------------|
| GLOBALfiber product number | QDD-200G-2Q-DAC                                          |
| Product description        | QSFP-DD 200G to 2x100G QSFP28 Passive Breakout DAC Cable |
| Selectable lengths         | 0,5 m, 1 m, 1,5 m, 2 m, 2,5 m, 3 m                       |
| Available coding           | Arista, Cisco, Generic, Juniper, NVIDIA-Mellanox(ETH)    |

Confirm equipment model, port mode and software version when ordering. Coding availability does not guarantee support for every platform or mode.

### Cable variants documented in the technical source:

| Parameter | Specification                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------|
| 0.5m, 1m  | Data Rate: Up to 200G; Wire Gauge: AWG30; Connector Type: Passive Copper; Temp.Range: 0-70°C; Cable Jacket: PVC |
| 2m, 3m    | Data Rate: Up to 200G; Wire Gauge: AWG28; Connector Type: Passive Copper; Temp.Range: 0-70°C; Cable Jacket: PVC |