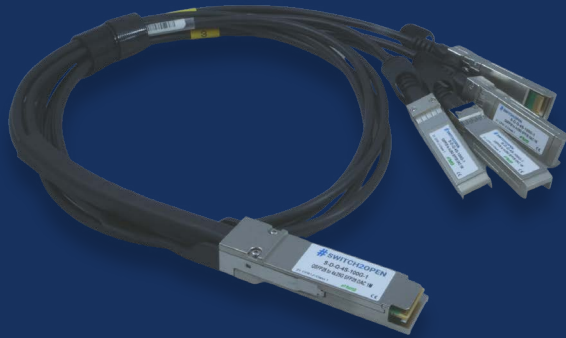


## 40/100G QSFP28 to 4× 10/25G SFP28 Breakout DAC



### S-D-Q-4S-100G-X

#### Quick Facts

- Supporting 100G to 4× 25G breakout
- Data rates: 25.78Gb/s (per channel)
- Low crosstalk

#### Applications

- 100G/25G Gigabit Ethernet
- 100GBASE-CR4 to 4× 25GBASE-CR
- Switches, Routers, and HBAs
- Data Centers

#### Description

The **S-D-Q-4S-100G-X** Breakout DACs are high performance, cost-effective **100GE QSFP28** to 4x 25GE SFP28 Passive cable assemblies for SFP28 and QSFP28 equipment interconnects. The cables are compliant with **SFF-8402** and **SFF-8665** specifications. They offer a low power consumption for short reach interconnect applications. Each lane is capable of transmitting data at rates up to 25Gb/s, providing an aggregated rate of 100Gb/s.

### Specifications

General			
Form Factor	QSFP28/SFP28	ROHS Compliant	Yes
Interface	Direct Attached Cable	Type	Passive Twinax
Bandwidth	103.125 Gb/s / 4x 25Gb/s	Lane Count / Bandwidth per Lane	4x 25.78Gb/s
Cable Jacket	LSZH (Low Smoke Zero Halogen)	Temperature Range	0°C – 70°C
Breakout After	10cm		

Wire Gauge			
1 Meter	30 AWG	2 Meters	30 AWG
3 Meters	26 AWG	5 Meters	26 AWG

### Warranty

The Switch2Open DACs include a 1-year limited hardware warranty, which covers parts, repair, or replacement after the unit is received.

### Support & Services

Additional support levels including next business day advance replacement are available on demand.

### Ordering Information

Part Number	Description
S-D-Q-4S-100G-1	40/100G QSFP28 to 4x10/25G SFP28 Direct Attach Copper (DAC) Passive Cable, 1 Meter
S-D-Q-4S-100G-2	40/100G QSFP28 to 4x10/25G SFP28 Direct Attach Copper (DAC) Passive Cable, 2 Meter
S-D-Q-4S-100G-3	40/100G QSFP28 to 4x10/25G SFP28 Direct Attach Copper (DAC) Passive Cable, 3 Meter
S-D-Q-4S-100G-5	40/100G QSFP28 to 4x10/25G SFP28 Direct Attach Copper (DAC) Passive Cable, 5 Meter