

100Gb/S QSFP28 to 2xQSFP28 Direct Attach Cable

P/N: WS-Q82Q-DACPx-x



Features:

- Up to 25.78125 Gbps data rate per channel
- Four independent full-duplex channels
- Single 3.3V power supply
- 0°C to 70°C case temperature operating range
- I²C management interface

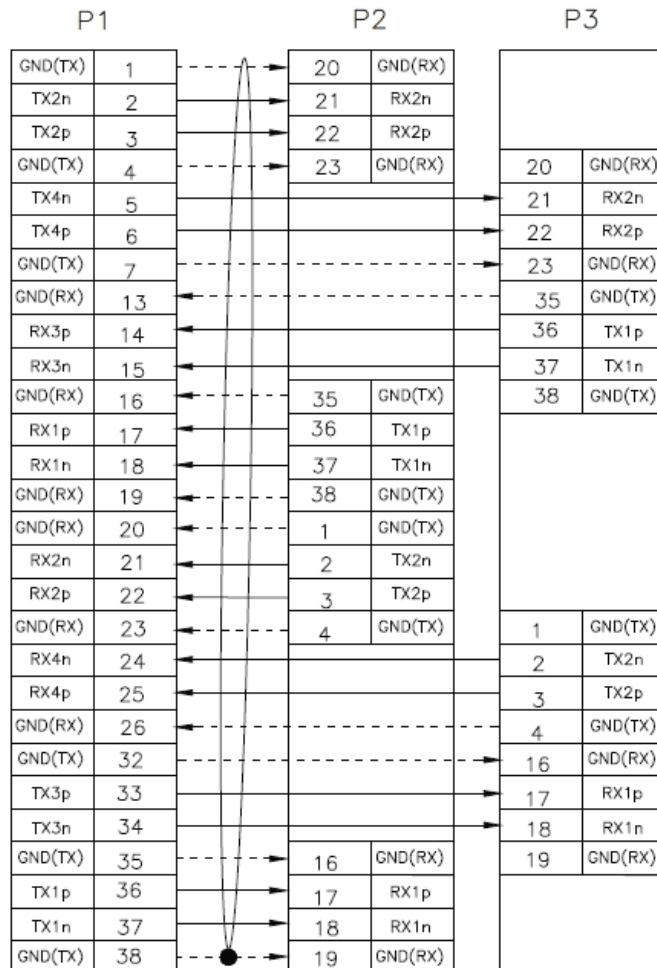
Standard:

- Compliant with IEEE 802.3bj
- Compliant with SFF-8636
- Compliant with SFF-8679

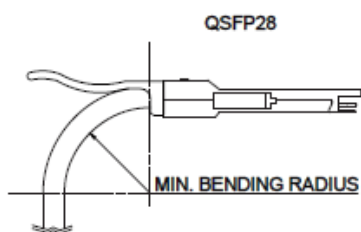
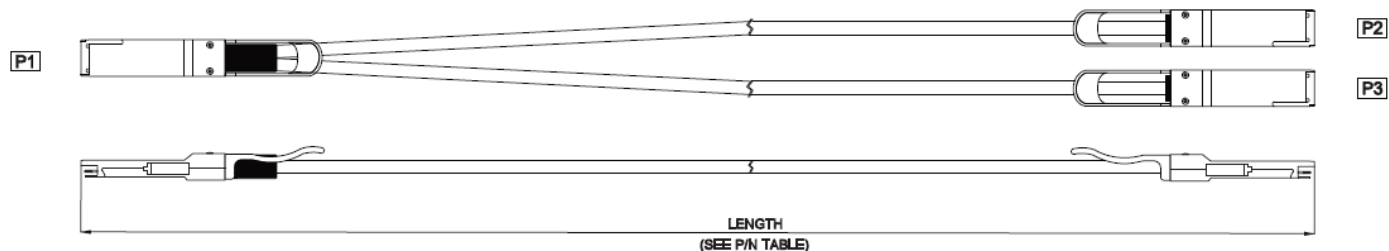
Application:

- 100G Ethernet

QSFP28 Module Pad Assignments



Mechanical Design Diagram



Min. bending radius allowed	Repeated	Single
	10 x ø	5 x ø

Unit: mm

	30 AWG	26 AWG
Diameters	6.9mm	9mm
Single bending	(6.9±0.3mm) x5 ≐ 35mm	(9.0±0.3mm) x5 ≐ 45mm
Repeated bending	(6.9±0.3mm) x10 ≐ 70 mm	(9.0±0.3mm) x10 ≐ 90 mm

Ordering Information (Please contact our sales for customized length that is not listed in the above table.)

Part No	Specification					
	Package	Data rate per Lane	Temp.	Gauge	Length	Application
WS-Q82Q-DACP0-0H	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	30AWG	0.5m ± 0.05m	100G Ethernet
WS-Q82Q-DACP0-1	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	30AWG	1m ± 0.05m	100G Ethernet
WS-Q82Q-DACP0-2	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	30AWG	2m ± 0.05m	100G Ethernet
WS-Q82Q-DACP0-3	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	30AWG	3m ± 0.05m	100G Ethernet
WS-Q82Q-DACP6-3	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	26AWG	3m ± 0.08m	100G Ethernet
WS-Q82Q-DACP6-4	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	26AWG	4m ± 0.08m	100G Ethernet
WS-Q82Q-DACP6-5	QSFP28 to 2xQSFP28	25.78125 Gbps	0~70°C	26AWG	5m ± 0.08m	100G Ethernet

Modification History

Revision	Date	Description	Originator	Review	Approved
V1.0	25-Mar-2019	New Issue	Shao Yu Lee	Tom Tang	Wayne Liao
V1.1	30-Nov-2022	Update Order Information	Shao Yu Lee	Tom Tang	Wayne Liao
V1.2	19-Feb-2024	Update Diameters/Minimum bending data of 30/26 AWG and tolerance of the length. Update format.	Joanne Ni	Ken Cheng	Wayne Liao

**Headquarters**

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