



- Low Power consumption < 0.5W
- RoHS Compliant

Features

QSFP+:

- Compliant with QSFP+ SFF8436
- Support IEEE P802.3ba (Ethernet)
- Support for multi-gigabit data rates:
1.0Gbps ~ 10.3125Gbps (per channel)
- High-Density QSFP 38-PIN Connector
- I2C based two-wire serial interface for easy control and monitoring

SFP+:

- Compliant with SFP+ SFF8436
- Support for multi-gigabit data rates up to 10.5Gbps
Hot Pluggable SFP 20 PIN footprint
- AC coupling of PECL signals
- EMI/EMC performance

Application

- 40G Ethernet transmission
- Data center interconnect
- Infiniband, DDR, QDR
- High Performance Computing application

Absolute Maximum Ratings

Parameter	Symbol	Min.	Max.	Units	Note
Storage Temperature	T_s	-40	80	°C	
Supply Voltage	Vcc3	3.14	3.47	V	

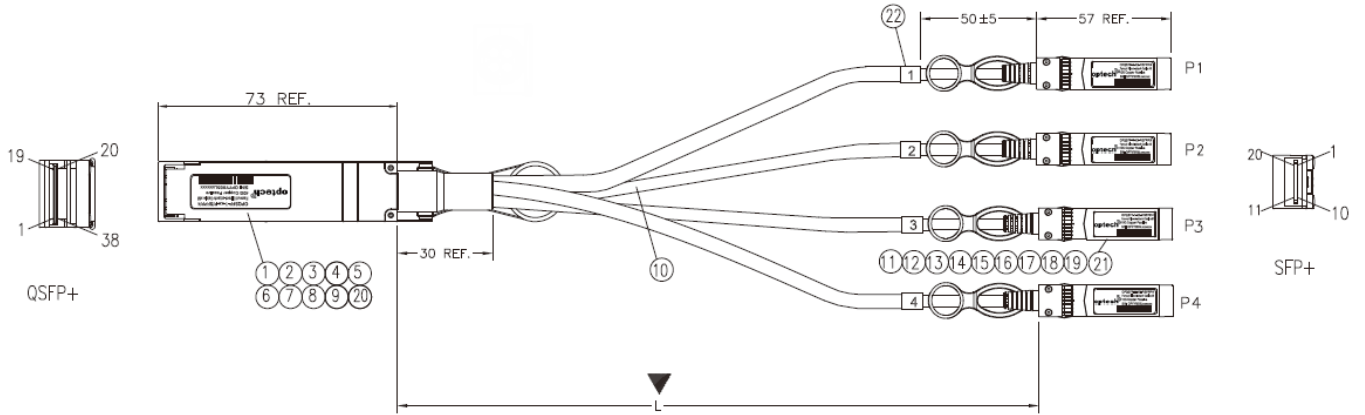
Recommended Operating Conditions

Parameter	Symbol	Min.	Max.	Units	Note
Operating Case Temperature	T_c	0	70	°C	
Supply Voltage	Vcc3	3.14	3.47	V	
Power Dissipation	PD		0.5	W	

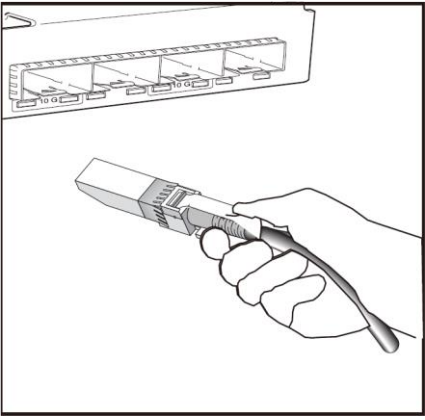
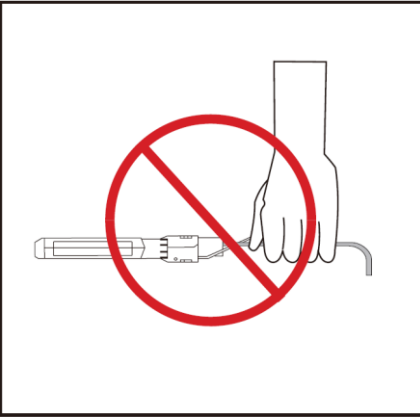
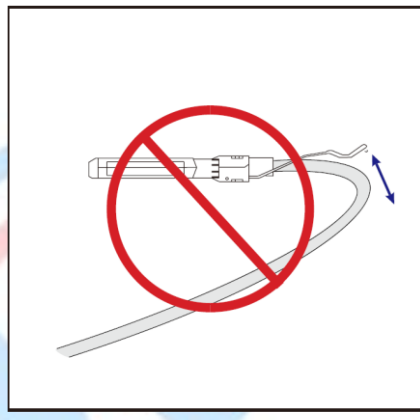
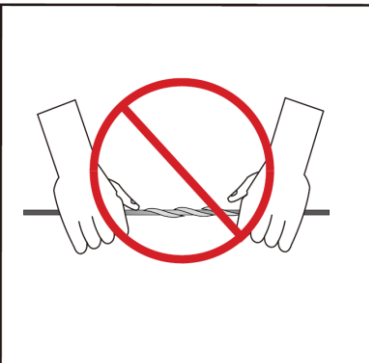

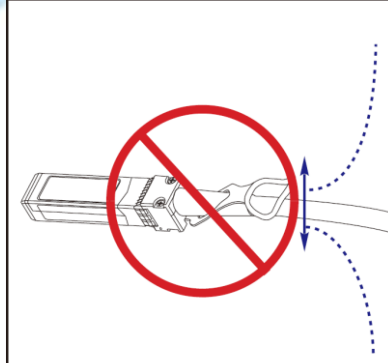
Cable Mechanical Specifications

Parameter	Symbol	Min.	Typ.	Max.	Units	Note
Wire Gauge		30AWG	-	24 AWG		
Cable Impedance	Z	90	100	110	Ohm	

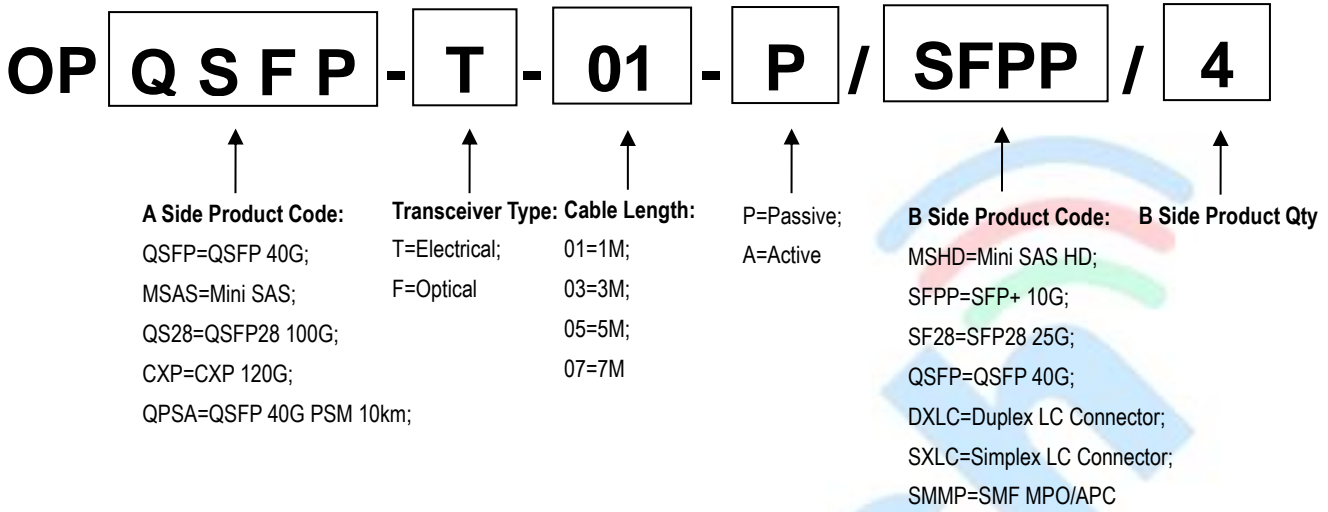
Dimensions



Important Notice

		
<p>Holding the SFP+ connector by its sides, insert the connector into the port on the switch</p>	<p>Do not handle by cable</p>	<p>DO NOT Over-bend the cable behind the connector</p>
		
<p>DO NOT twist the cable</p>	<p>DO NOT kink the cable</p>	<p>DO NOT bend up and down the cable</p>

Ordering Information



Part Number	Model Number	Length (M)	AWG	Voltage	Temperature
OPQSFP-T-01-P/SFPP/4	Twinax Copper	1	30	3.3V	0°C to 70 °C
OPQSFP-T-03-P/SFPP/4	Twinax Copper	3	30	3.3V	0°C to 70 °C
OPQSFP-T-05-P/SFPP/4	Twinax Copper	5	24	3.3V	0°C to 70 °C

Note: All information contained in this document is subject to change without notice.