



QSFP to 4xSFP Converter

40G QSFP to 10G SFP Converting Device
100G QSFP to 25G SFP Converting Device (In Development)



i-COWORKS

www.icoworks.co.kr

Tel : +82-40-824-7283

Fax : +82-40-824-7284

sales@icoworks.co.kr

Description

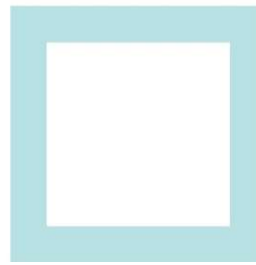
Optical transceiver compatibility problem solving and optical transmission distance extension solution of optical communication equipment.



CV-Q404S10-R3 (19' RACK Type)



CV-Q404S10-S (Single Type)



QSFP to 4xSFP Converter

40G QSFP to 10G SFP Converting Device
 100G QSFP to 25G SFP Converting Device (In Development)



Features

- 1xQSFP to 4xSFP Converting Device
- Single Type or 19' Rack Type
- STANDARDS COMPLIANCE
 - QSFP+ End : SFF-8436 IEEE 802.3ba
 - SFP+ End : SFF-8431 SFF-8432 SFF-8472
- Data Rate Per Lane 9.8Gbps to 11.32Gbps
- With 4ch CDR (clock and data recovery)
- DC -48V supply voltage



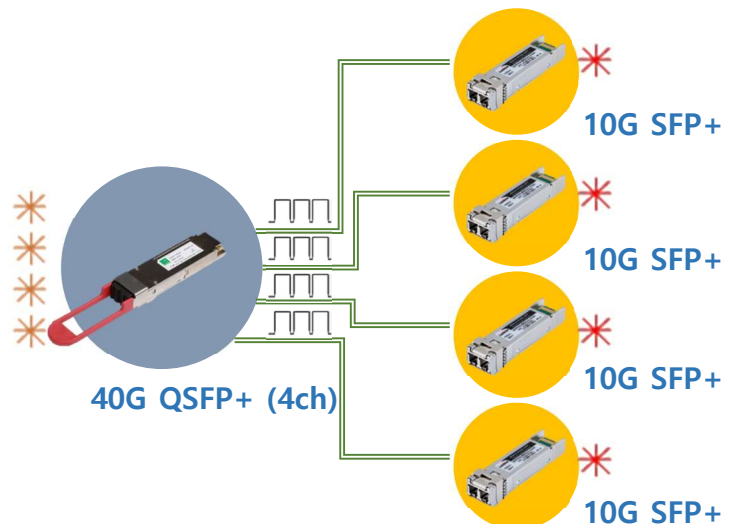
CV-Q404S10-R3 (19' RACK Type)

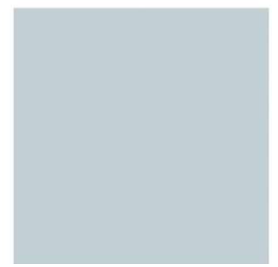


CV-Q404S10-S (Single Type)

Application

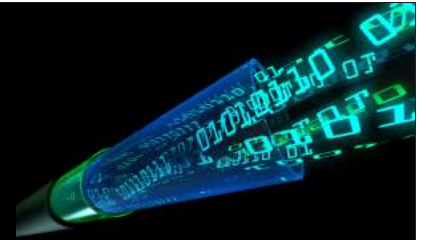
- QSFP+ long distance link
- InfiniBand 4X SDR, DDR, QDR and FDR
- Ethernet 10G, 40G
- Fiber Channel 10G, 40G, SAN, 4X16G
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- Top of Rack (TOR) and Core Switch





QSFP to 4xSFP Converter

40G QSFP to 10G SFP Converting Device
 100G QSFP to 25G SFP Converting Device (In Development)

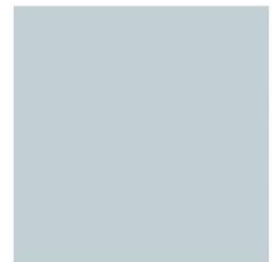
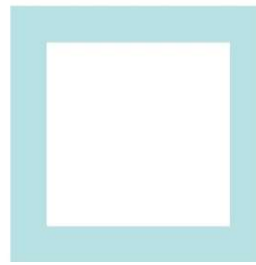


Absolute Maximum Ratings

Parameters	Symbol	Min	Max.	Units	Conditions
Operating Temperature	Tc	0	70	°C	Case
Storage Temperature	Tstg	-20	+85	°C	Ambient
Relative Humidity	RH	5	95	%	

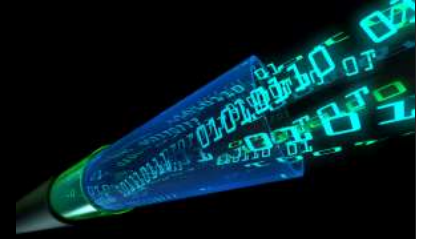
ELECTRICAL CHARACTERISTICS

Parameters	Values				Conditions
	Min.	Typ.	Max	Units	
Data Rate Per Lane	9.8		11.3	Gbps	With CDR
Power Supply		-48		V	DC
Power Consumption		8		W	
Differential Impedance	90		110	Ω	

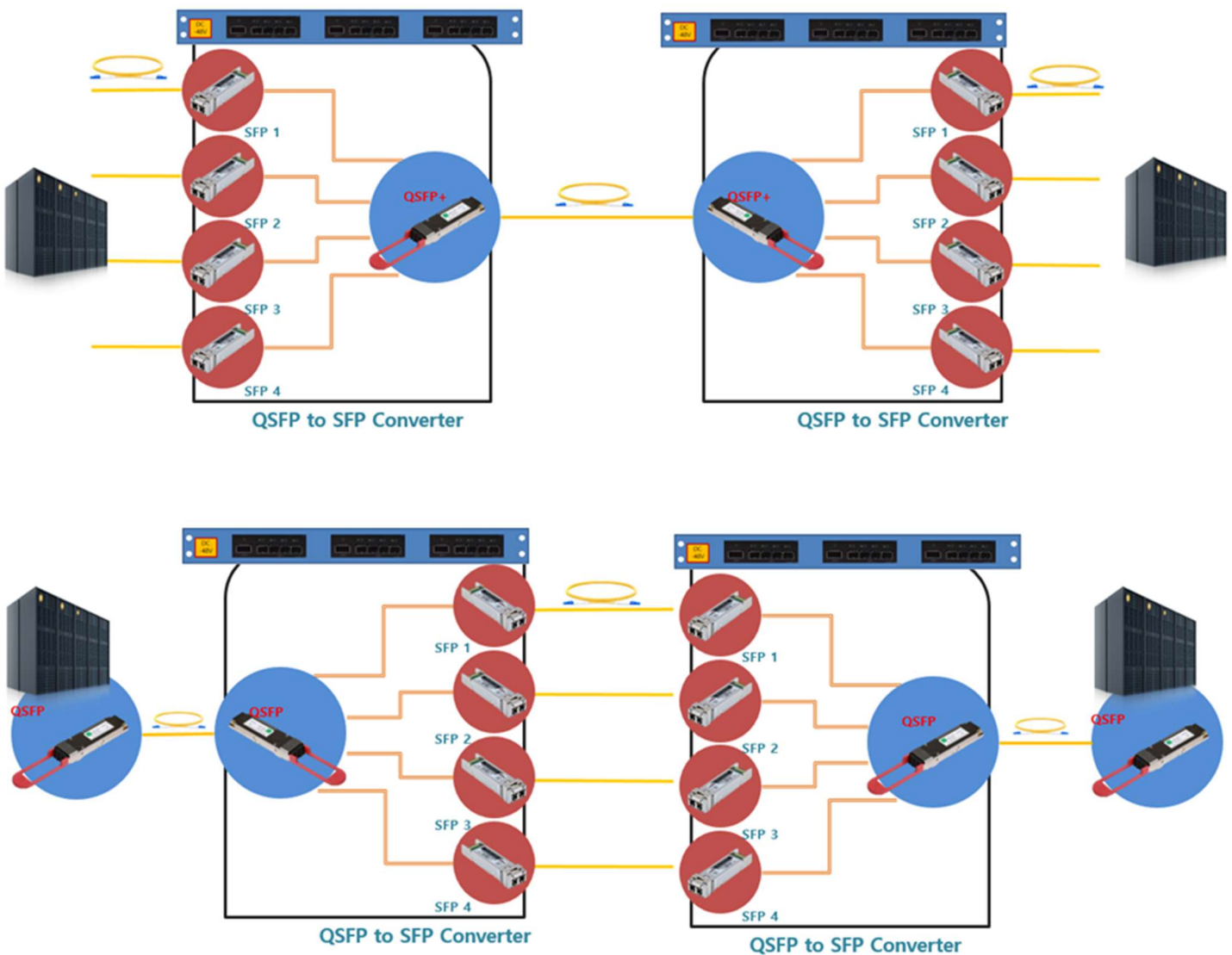


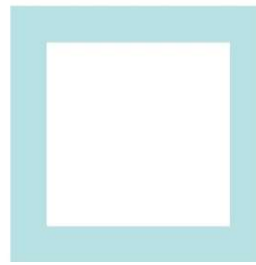
QSFP to 4xSFP Converter

40G QSFP to 10G SFP Converting Device
100G QSFP to 25G SFP Converting Device (In Development)



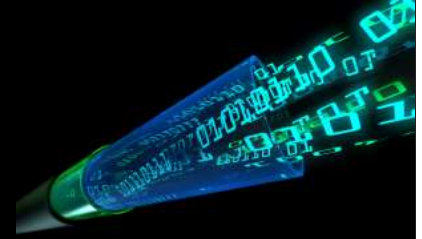
TYPICAL CONNECTION





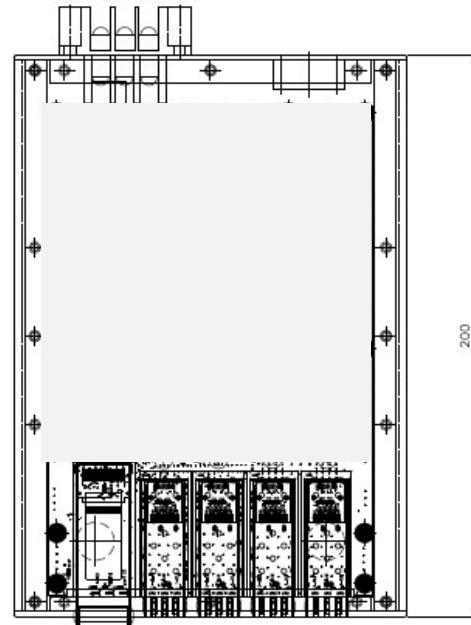
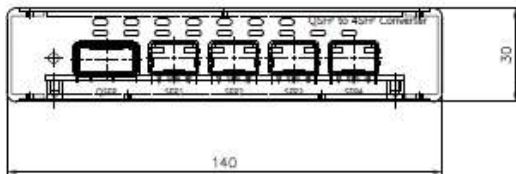
QSFP to 4xSFP Converter

40G QSFP to 10G SFP Converting Device
 100G QSFP to 25G SFP Converting Device (In Development)



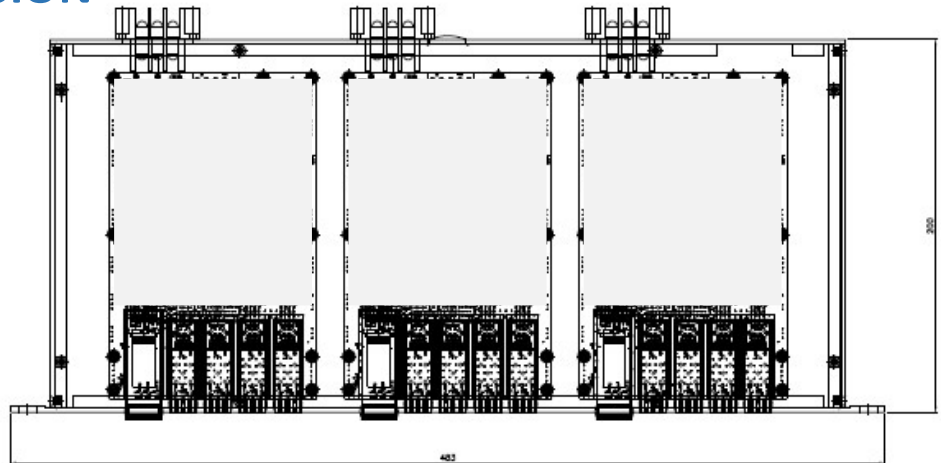
MECHANICAL DIMENSION

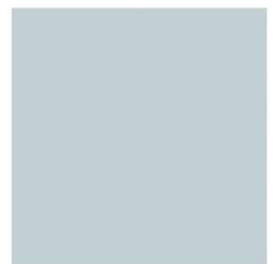
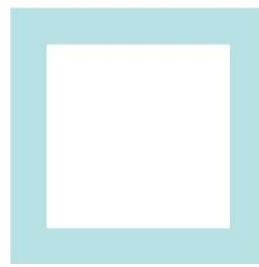
CV-Q404S10-S (Single Type)



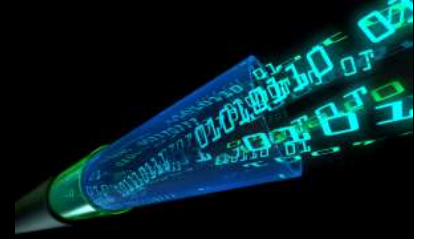
MECHANICAL DIMENSION

CV-Q404S10-R3 (19' RACK Type)





Portable optical Transceiver Checker



i-COWORKS

www.icoworks.co.kr

Tel : +82-40-824-7283

Fax : +82-40-824-7284

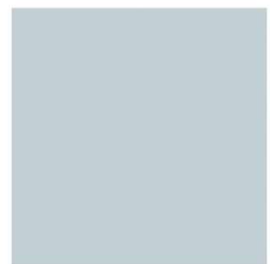
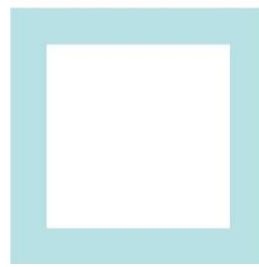
sales@icoworks.co.kr

Description

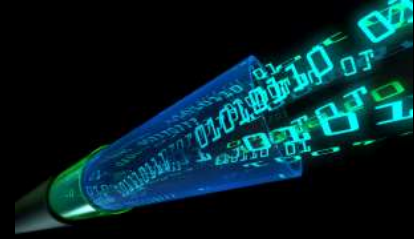
- Optical Transceiver Evaluation & Verification.
- Help to quick verify optical transceiver performance.
- Portable optical Transceiver Checker is field diagnostic Product for optical transceivers operator, installation and maintenance with compact, easy operation.



CC-Q2CS2C-X



Portable optical Transceiver Checker

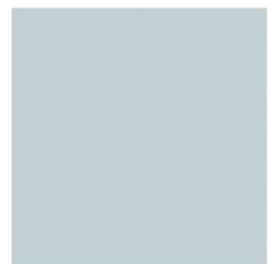
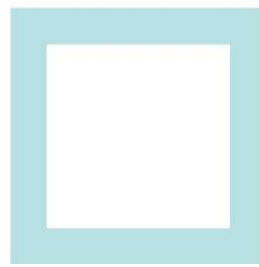


Features

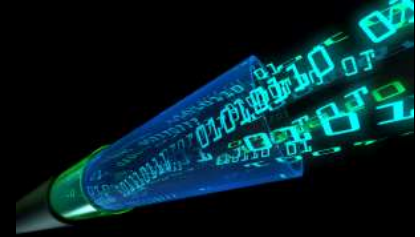
- Checking SFP Transceiver and QSFP Transceiver
- Available to check SFP/QSFP TX & RX power level (LCD Display)
- Available to check SFP/QSFP Bit-Rate (LCD Display)
- Available to check SFP/ QSFP Tx Wavelength (LCD Display)
- Compact Size and Easy operation
- Connects to a standard PC / laptop via USB connection for complete
- Serial ID Read for standard SFP transceiver
- DC 5V supply voltage

Application

- Installation & maintenance of optical communication network.
- Simple optical power measurements
- Checking SFP or bidirectional SFP module operation
- Checking QSFP module operation



Portable optical Transceiver Checker

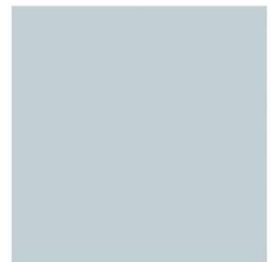


Absolute Maximum Ratings

Parameters	Symbol	Min	Max.	Units	Conditions
Operating Temperature	Tc	0	70	°C	Case
Storage Temperature	Tstg	-10	+75	°C	Ambient
Relative Humidity	RH	5	95	%	

ELECTRICAL CHARACTERISTICS

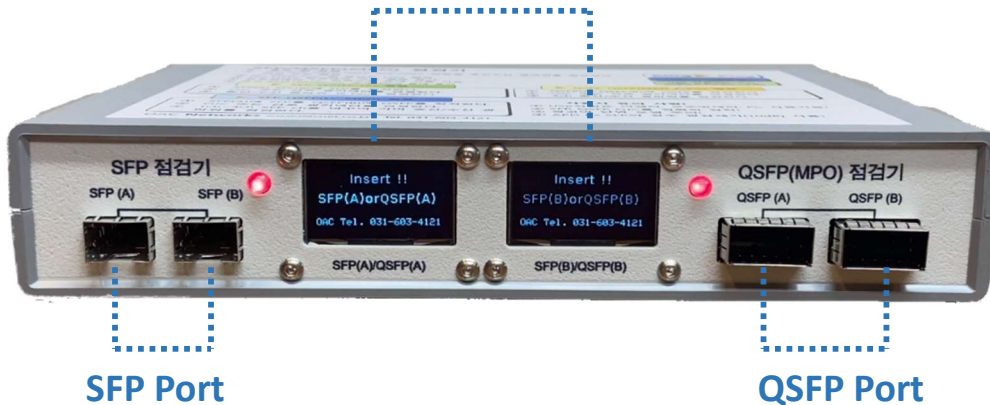
Parameters	Values				Conditions
	Min.	Typ.	Max	Units	
Power Supply		5		V	DC
Power Consumption		1		W	



Portable optical Transceiver Checker



SFP/QSFP Transceiver Information



- **Checking the SFP to the SFP Transceiver (LC-LC OJC)**
1-channel bidirectional transmit/receive optical power, Tx fault, LC-LC OJC Loss
- **Checking the QSFP to the QSFP Transceiver (MPO-MPO OJC)**
4-channel bidirectional transmit/receive optical power, MPO-MPO OJC Loss
- **Checking the QSFP to the QSFP Transceiver (MPO-LC OJC)**
4-channel bidirectional transmit/receive optical power, MPO-LC/PC Breakout OJC