



QSFP to 4xSFP Converter

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



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Description

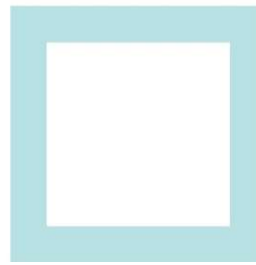
Optical transceiver compatibility problem solving and optical transmission distance extension solution of optical communication equipment.



CV-Q404S10-R3 (19' RACK Type)



CV-Q404S10-S (Single Type)



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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



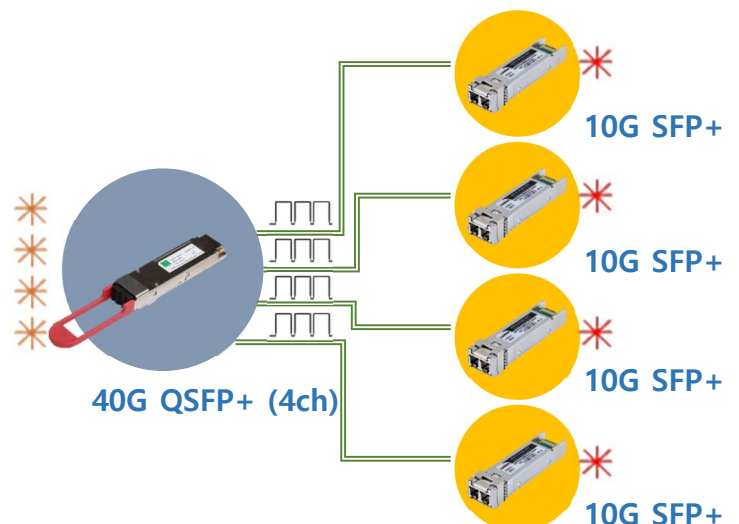
CV-Q404S10-R3 (19' RACK Type)

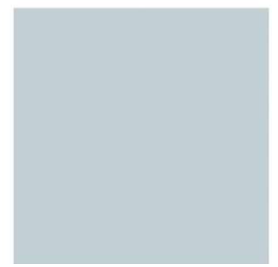


CV-Q404S10-S (Single Type)

Application

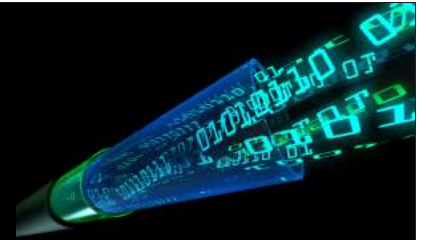
- QSFP+ long distance link
- InfiniBand 4X SDR, DDR, QDR and FDR
- Ethernet 10G, 40G
- Fiber Channel 10G, 40G, SAN, 4X16G
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- Top of Rack (TOR) and Core Switch





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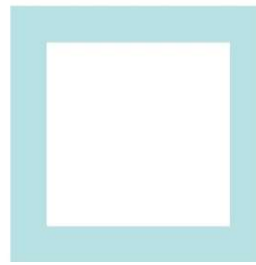


Absolute Maximum Ratings

| 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 | |

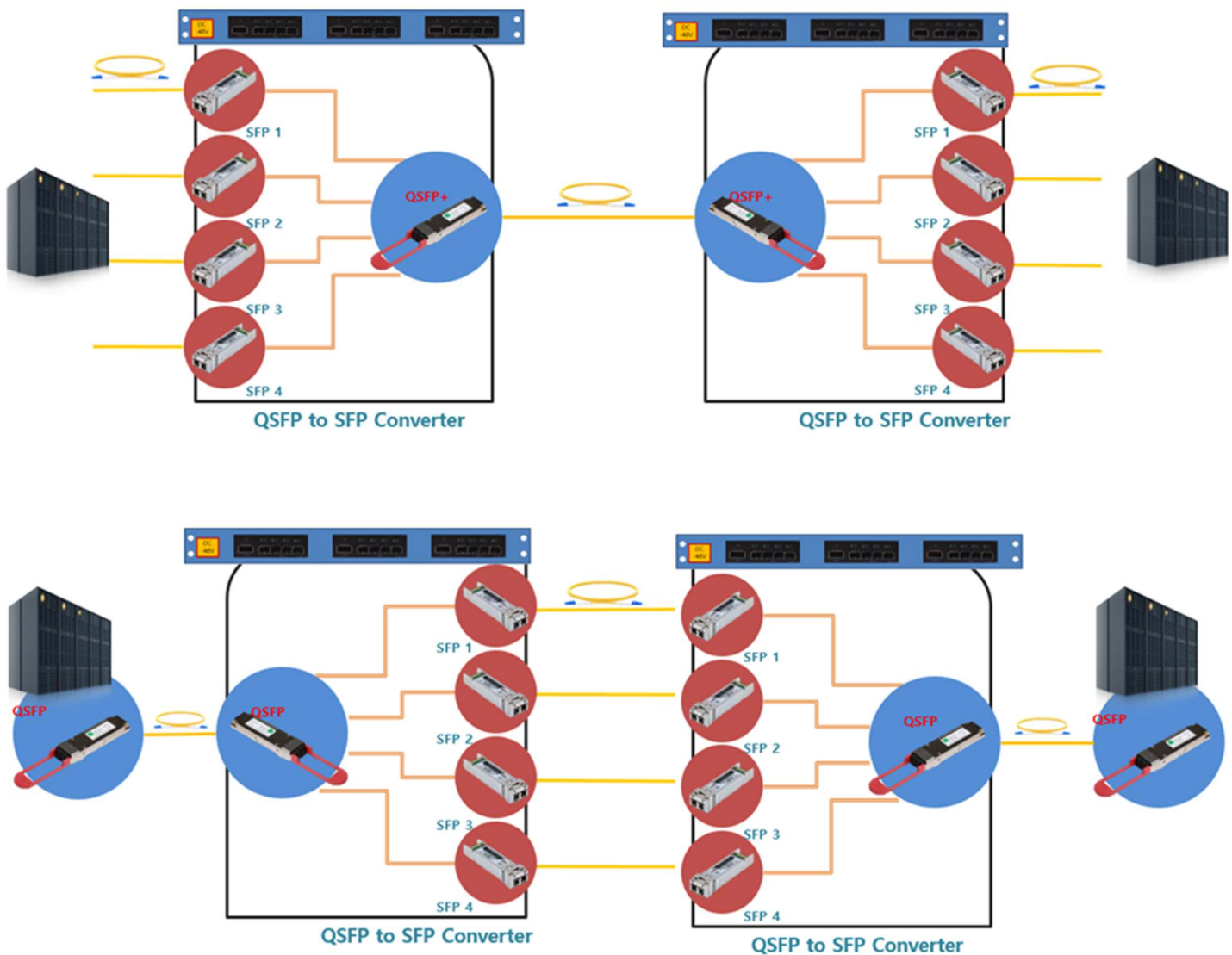


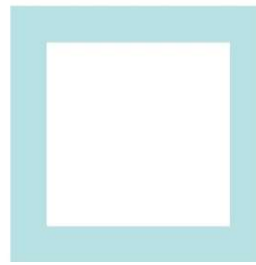
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TYPICAL CONNECTION





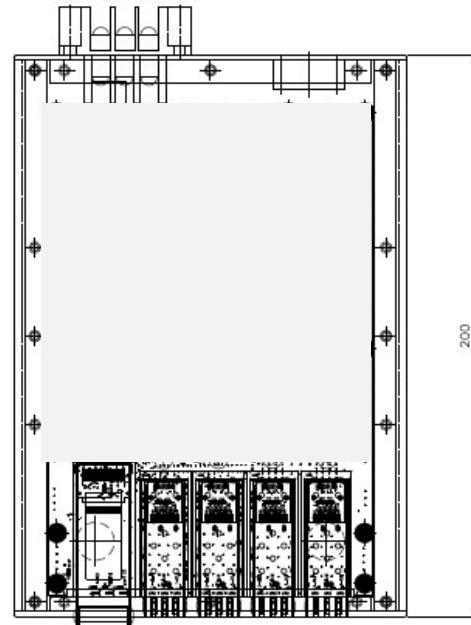
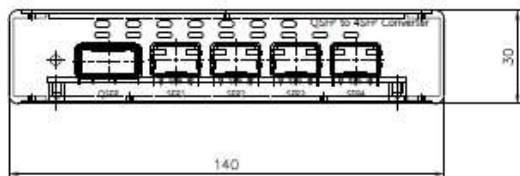
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MECHANICAL DIMENSION

CV-Q404S10-S (Single Type)



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