

QSFP28 Passive Copper 25 Gb/s and 50 Gb/s Breakout Cable Assemblies



Volex's QSFP28 passive copper 50 Gb/s and 25 Gb/s breakout cable assemblies come in two primary configurations, which feature 4 transmit and 4 receive channels. Utilizing shielded differential pair cable in 2 pair and 4 pair configurations, these assemblies meet 100G specifications and are designed for high-density applications.

Volex's QSFP28 breakout cable assemblies are designed for applications in data centers, networking and telecommunication markets, which require high speed and reliable cable assemblies. This next generation product shares the same mating interface with QSFP+ form factors, making it backward compatible with existing QSFP+ ports.

Features and Specifications

Product Type	24 - 30 AWG conductor sizes available to achieve maximum performance up to 6m
Conductor Treatment	Laser Stripped Conductors
Cable Type	High speed raw cable, 100 ±5 ohms Four (4) pairs and two (2) pairs
Cable Color	Black
Packaging	PE Bag
Power Supply Voltage	3.3 V
Temperature Range	0 - 70° C
Retention Force	Minimum 90N, Maximum 170N
Insertion Force	Maximum 40N
Options Include	Customer Specified EEPROM Map Customer Specified Cable Length Low Smoke, Zero Halogen (LSZH) Jackets Custom Colors for Pull Tab and Cable Jackets

Volex reserves the right to change specifications and availability without prior notice.



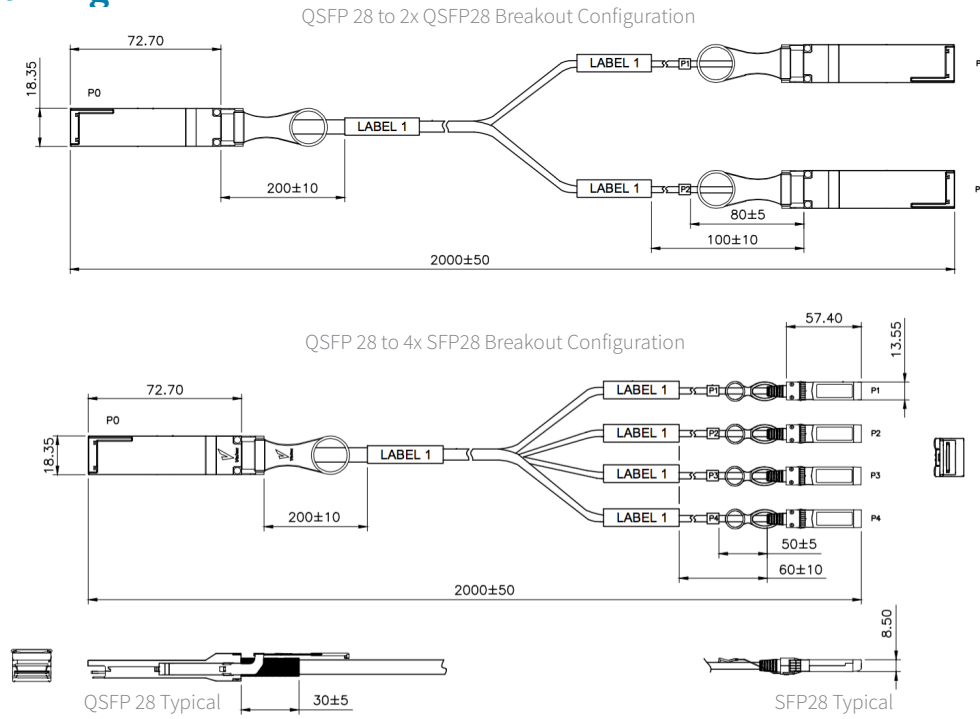
Applications

- Data Centers
- Telecommunication & Wireless Infrastructure
- Medical Diagnostics and Networking
- Storage Area Networks
- Test and Measurement Equipment
- Networking Equipment
- Switches, Routers, and Servers

Standards Compliance

- IEEE P802.3bj
- InfiniBand EDR
- SFF-8665
- RoHS

Mechanical Drawing



Volex P/N (QSFP28 to 2x QSFP28)	Volex P/N (QSFP28 to 4x SFP28)	Cable Length (m)	Cable Gauge (AWG)
VQ22QE30YP050	VQ24SE30YP050	0.50	30
VQ22QE30YP075	VQ24SE30YP075	0.75	30
VQ22QE30YP100	VQ24SE30YP100	1.00	30
VQ22QE30YP150	VQ24SE30YP150	1.50	30
VQ22QE30YP200	VQ24SE30YP200	2.00	30
VQ22QE30YP250	VQ24SE30YP250	2.50	30
VQ22QE28YP300	VQ24SE28YP300	3.00	30
VQ22QE28YP400	VQ24SE28YP400	4.00	28
VQ22QE26YP500	VQ24SE26YP500	5.00	26

24-30 AWG conductor sizes are used to achieve maximum performance up to 6m.

- Options Available
- Low Smoke, Zero Halogen (LSZH) Jackets
 - Custom Cable Lengths Up to 6m
 - Custom Colors for Pull Tab
 - Custom EEPROM Mapping

Contact us at sales@volex.com for assistance in finding the right solution for your needs.

www.volex.com



Volex Worldwide

- Manufacturing
- Sales Offices
- Distribution Hubs

Americas
 Volex, Inc - Austin, TX
 Tel: +1.800.246.2673
 Email: sales@volex.com

Greater China
 Volex Interconnect Systems
 (Suzhou, China) Co., Ltd
 Tel: +86.512.6258.6673
 Fax: +86.512.6275.6670
 Email: salesGC@volex.com

EMEA
 Volex Europe, Ltd.
 Co. Mayo, Ireland
 Tel: +353.9490.37480
 Email: sales@volex.com

Asia Pacific
 Volex, Inc - Singapore
 Tel: +65.6788.7833
 Fax: +65.6788.7822
 Email: salesAP@volex.com