



QSFP+ Passive Copper Cables

Volex's QSFP+ passive copper cable assemblies are a cost-effective, low-power alternative to optical modules for short reach links in high-speed interconnect applications. The QSFP+ replaces four standard SFP+ connections, providing greater density and reducing system costs of high performance computing (HPC), enterprise network switching and network storage deployments.

Volex's QSFP+ assemblies combine twin-axial shielded cable with robust die cast housing and actuating pull latch. The overmold technique used in fabrication for these cables provides additional strain relief and minimizes conductor pistoning. These assemblies can be integrated into belly-to-belly and side-stacked configurations

Features and Specifications

Product Type	Passive Copper
Conductor Sizes	25 – 30 AWG conductor sizes available to achieve maximum performance up to 7m
Conductor Treatment	Laser Stripped Conductors
Cable Type	PVC
Cable Color	Black
Packaging	PE Bag
Power Supply Voltage	3.3 V
Temperature Range	0 – 70° C
Retention Force	Minimum 90 N, Maximum 170 N
Insertion Force	Maximum 40 N
Options Include	Customer specified EEPROM Map Cable length Low Smoke, Zero Halogen (LSZH) jackets Custom colors for pull tab and cable jacket

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

APPLICATIONS

- Ethernet 10G, 40G
- Fiber Channel 8G, 14G
- Myrinet 40G
- Networking
- Storage
- Hubs, switches, routers, and servers

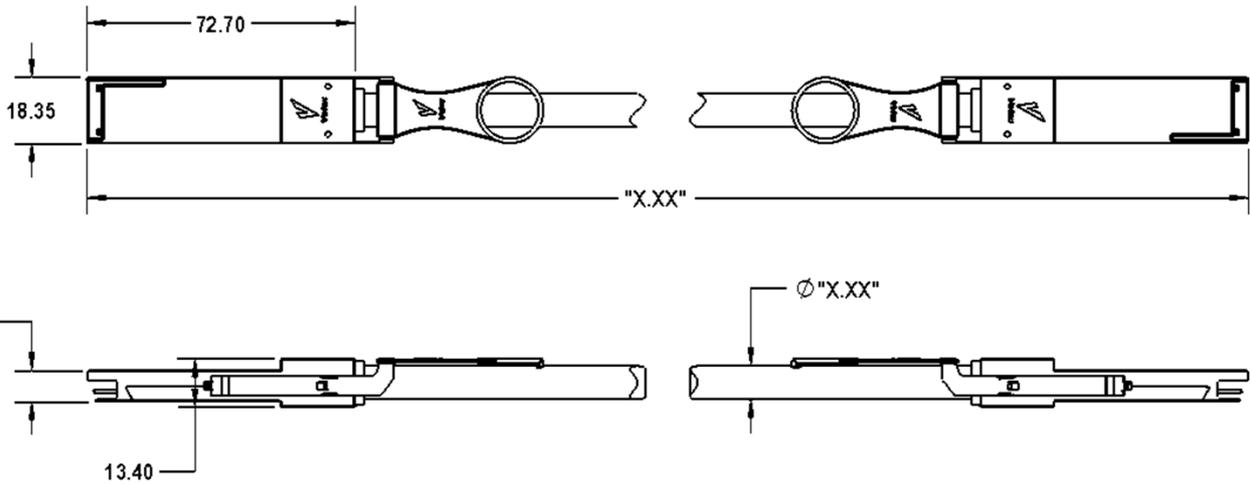
STANDARDS COMPLIANCE

- InfiniBand 4x SDR, DDR, QDR, and FDR
- Electrical: InfiniBand Architecture Specification Volume 2, Release 1.3.1
- IEEE P802.3ba
- RoHS

Mechanical Drawing



END VIEW



VOLEX P/N	CABLE LENGTH, M	AWG	CABLE DIAMETER, MM
VQSFPQ30YP050	0.50	30	6.6
VQSFPQ30YP075	0.75	30	6.6
VQSFPQ30YP100	1.00	30	6.6
VQSFPQ30YP150	1.50	30	6.6
VQSFPQ30YP200	2.00	30	6.6
VQSFPQ30YP250	2.50	30	6.6
VQSFPQ28YP300	3.00	28	7.5
VQSFPQ28YP400	4.00	28	7.5
VQSFPQ26YP500	5.00	26	8.8

25-30 AWG conductor sizes are used to achieve maximum performance up to 7m.

Options available

- Low Smoke, Zero Halogen (LSZH) jackets
- Custom cable lengths up to 7m
- Custom colors for pull tab
- Custom EEPROM mapping

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

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