

40G QSFP+

Passive Direct Attach Cable



Volex's Quad Small Form factor Pluggable (hereafter referred to as QSFP+) solution is designed for high density applications. The hot pluggable transceiver integrates 4 transmitting and 4 receiving channels. Volex's QSFP+ cable assemblies can replace four standard SFP+ cable assemblies. This results in higher port density, more cost effectiveness and reduce power budget as compared to standard SFP+ cable assemblies.

Volex's QSFP+ cable assemblies are designed to accommodate standard and ganged connector configurations in demanding high density requirements. Volex's QSFP+ cable assemblies are high performance, high bandwidth and cost effective interconnect solutions which support 10G Ethernet, Fiber Channel, InfiniBand, SAS and SONET/SDH standards with different data rate applications.



Near zero power consumption and no heat generated



Complete cable assembly uniquely terminated at the factory to provide the most reliable operation



100% tested for signal integrity with serial number traceability

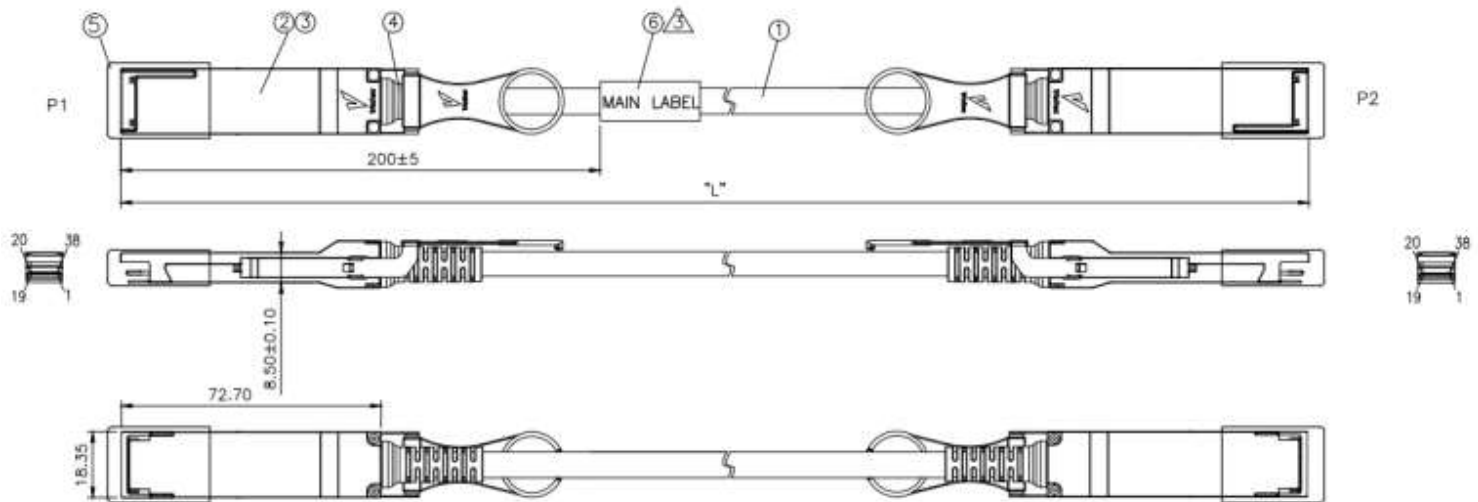
FEATURES AND SPECIFICATIONS

Product Type	QSFP+ to QSFP+ Passive Copper Cable Assembly
Conductor Treatment	Laser stripped conductors
Cable Type	High-speed twinax cable, 8-pair differential, 100 +/-5 ohms
Cable Colour	Black
Cable Jacket	PVC
Packaging	PE bag
Power Supply Voltage	3.3 V
Temperature Range	0 - 70°C
Retention Force	Minimum 125N per SFF 8661
Insertion Force	Maximum 60N per SFF 8661
EEPROM	Each connector module contains an EEPROM to provide product information to the host system
Cable Termination	100% factory tested including comprehensive signal integrity verification and serial number traceability using advanced Manufacturing Execution Systems

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

Applications	Standards Compliance
<ul style="list-style-type: none"> Switches, Servers, Routers, Storage Arrays Networking Equipment Data Centers Telecommunication Central Offices Test and Measurement Equipment 	<ul style="list-style-type: none"> IEEE P802.3ba, Infiniband QDR, Fiber Channel SFF-8665, SFF-8661, SFF-8679, SFF-8636 EIA 364 UL 94, 1581, VW1, File No. E510564 RoHS

Mechanical Drawing



Volex P/N	Cable Length (m)	Cable Gauge (AWG)	Cable OD (mm)
DA30PSG05BL	0.50	30	7.0
DA30PSG10BL	1.00	30	7.0
DA30PSG20BL	2.00	30	7.0
DA30PSG30BL	3.00	30	7.0
DA36PSG40BL	4.00	26	9.5
DA36PSG50BL	5.00	26	9.5
DA36PSG60BL	6.00	26	9.5
DA34PSG70BL	7.00	25	9.5

0.5 - 7.0m lengths available with 24 - 30 AWG conductor sizes to achieve maximum performance.

Options Available

- Low Smoke, Zero Halogen (LSZH) Jackets
- Custom colours for pull tab
- Custom EEPROM mapping

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