



SFP28 Passive Direct Attach Cable

- NEAR ZERO POWER CONSUMPTION AND NO HEAT GENERATED
- COMPLETE CABLE ASSEMBLY UNIQUELY TERMINATED AT THE FACTORY TO PROVIDE MOST RELIABLE OPERATION
- 100% TESTED FOR SIGNAL INTEGRITY WITH SERIAL NUMBER TRACEABILITY



Volex's SFP28 passive Direct Attach Cable features 1 transmitting and 1 receiving channels supporting 25G Ethernet and 32G Fibre Channel applications. The Volex SFP28 cable assemblies meet or exceed IEEE 802.3 standard with substantial signal integrity margin providing high performance and bandwidth interconnect solutions for high-density applications.

As next-gen data centers deploy faster speed in a tighter space, they need high performance cables that reduce power consumption, provide reliable operation and are low cost. Volex's SFP28 cable assemblies are designed to meet the next-gen data center needs. This next generation product shares the same mating interface with SFP+ form factors, making it backward compatible with existing SFP+ ports.

Features and Specifications

Product Type	SFP28 to SFP28 passive copper cable assembly
Conductor Treatment	Laser stripped conductors
Cable Type	High speed twinax cable, 2-pair differential, 100 +/-5 ohms
Cable Color	Black
Cable Jacket	PVC
Packaging	PE Bag
Power Supply Voltage	3.3 V
Temperature Range	0 - 70° C
Retention Force	Maximum 170N per SFF-8432 Minimum 90N per SFF-8432
Insertion Force	Maximum 18N per SFF-8432
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.



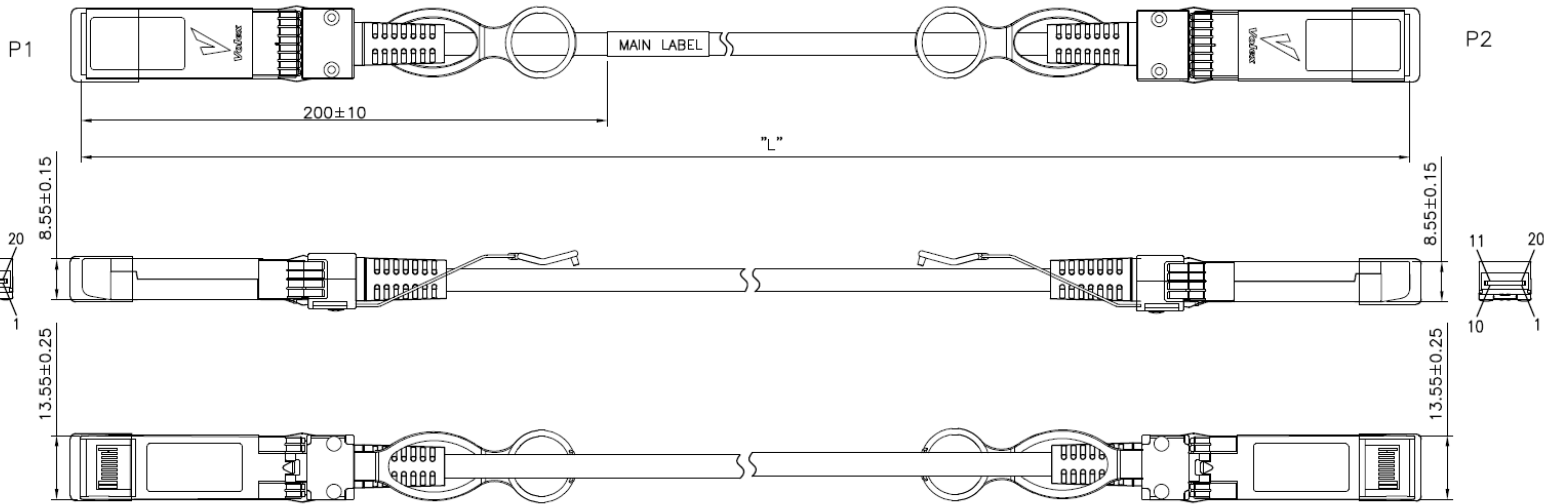
Applications

- Switches, Servers, Routers, Storage Arrays
- Networking Equipment
- Data Centers
- Storage Area Networks
- Telecommunication Central Offices
- Test and Measurement Equipment

Standards Compliance

- IEEE P802.3by
- INCITS 32GFC (Fibre Channel)
- SFF-8402, SFF-8432, SFF-8472
- EIA-364
- UL 94, 1581, VW1, File No. E510564
- RoHS

Mechanical Drawing



Volex P/N	Cable Length (m)	Cable Gauge (AWG)	Cable OD (mm)
S1S28V30VP100S	1.00	30	4.5
S1S28V30VP150S	1.50	30	4.5
S1S28V30VP200S	2.00	30	4.5
S1S28V30VP250S	2.50	30	4.5
S1S28V30VP300S	3.00	30	4.5
S1S28V28VP350S	3.50	28	5.5
S1S28V28VP400S	4.00	28	5.5
S1S28V26VP450S	4.50	26	6.0
S1S28V26VP500S	5.00	26	6.0

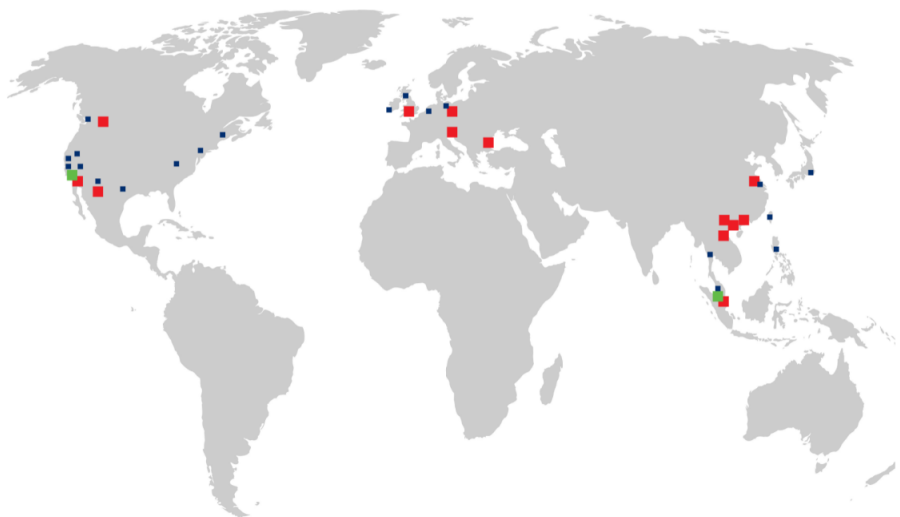
1-5m lengths available with 26-30 AWG conductor sizes to achieve maximum performance.

Options Available

- Low Smoke, Zero Halogen (LSZH) jackets
- 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 Office/Sales Rep
- Distribution Hub

Americas

Volex, Inc.
Tel: +1 501 438 1313
Email:
Americas.sales@volex.com

Greater China

Volex Interconnect Systems (Suzhou)
Tel: +86 512 8225 3300

Fax: +86 512 6275 6670
Email: GreaterChina.sales@volex.com

EMEA

Volex Europe, Ltd.
Tel: +44 7768 924844
Email:
EMEA.sales@volex.com

Asia Pacific

Volex, Inc. - Singapore
Tel: +65 6904 1545
Email:
AsiaPacific.sales@volex.com