

SFP28 Passive Copper Cable Assemblies



Volex's SFP28 passive copper cable assemblies feature 1 transmitting and 1 receiving channels at speeds up to 28 Gb/s per channel. These cable assemblies are high performance and high bandwidth interconnect solutions designed for high-density applications.

Volex's SFP28 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 SFP+ form factors, making it backward compatible with existing SFP+ ports. Volex's SFP28 can be used with current 10G and 16G applications with substantial signal integrity margin.

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, 2 pairs, 100 +/- 5 ohms
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.



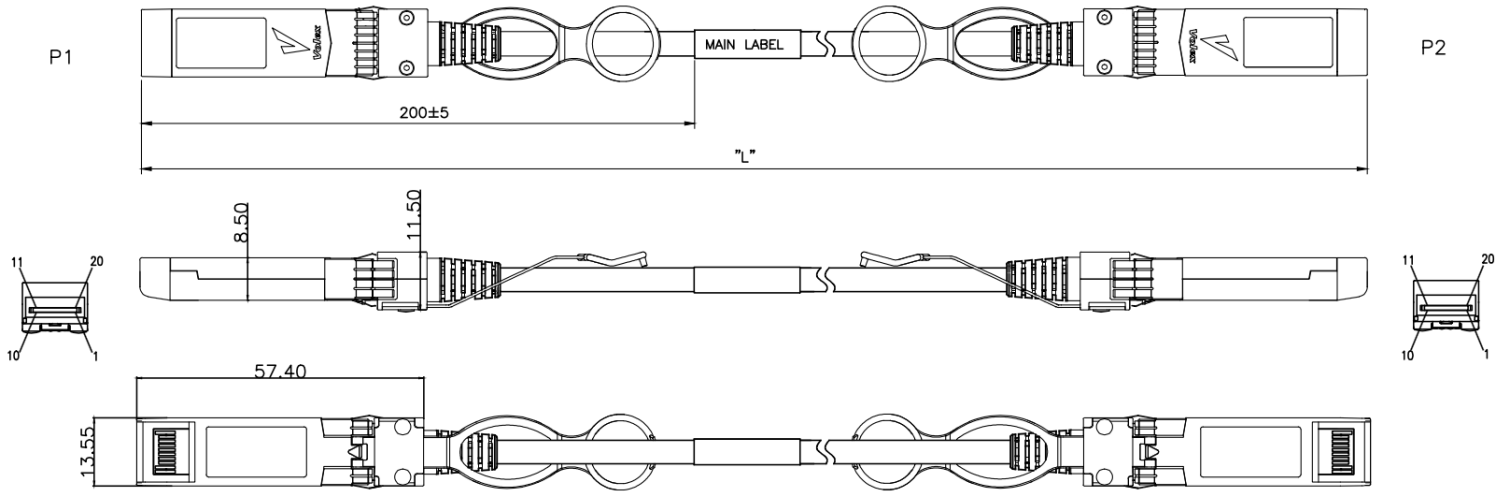
Applications

- 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
- INCITS 16GFC (Fibre Channel)
- SFF-8665
- RoHS

Mechanical Drawing



Volex P/N	Cable Length (m)	Cable Gauge (AWG)	Cable Width (mm)
VSFPE30YP050	0.50	30	6.6
VSFPE30YP075	0.75	30	6.6
VSFPE30YP100	1.00	30	6.6
VSFPE30YP150	1.50	30	6.6
VSFPE30YP200	2.00	30	6.6
VSFPE30YP250	2.50	30	6.6
VSFPE28YP300	3.00	30	7.5
VSFPE28YP400	4.00	28	7.5
VSFPE26YP500	5.00	26	8.8

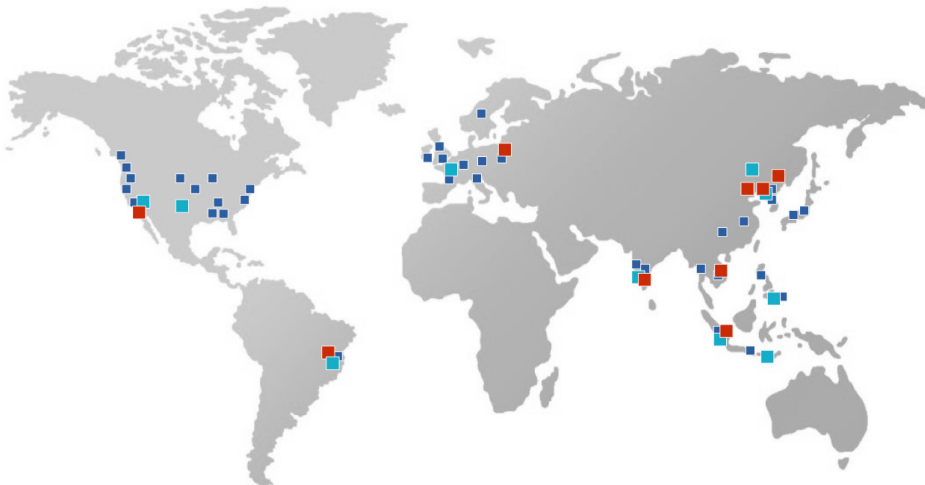
24-30 AWG conductor sizes are used to achieve maximum performance up to 6m.

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



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