

Features

- Support for multi-gigabit data rates up to 10.5Gbps
- Data rates backward compatible to 1Gbps
- Hot-pluggable SFP 20PIN footprint
- I/O Connector designed for high speed differential signal applications
- Improved Pluggable Form Factor(IPF) compliant EMI/EMC performance
- Compatible with industry standard SFP cages +Switches
- EEPROM signature can be customized.
- Low Power Consumption < 0.5W
- Temperature Range: 0~ 70 °C
- RoHS-6 Compliant



Vi-Link's high speed SFP+ Direct Attach Cable (DAC) provides high performance in 10 Gigabit Ethernet (10GbE) network applications, using an enhanced SFP+ connector to send 10Gbps data through one paired transmitters and receivers over a thin twinax cable. They are compliant with electrical standards SFF-8431, SFF-8083 and mechanical standard SFF-8432, EEPROM standard SFF-8472.

Specifications

Parameter	Symbol	Min	Max	Unit
Storage Temperature	Ts	-40	+85	°C
Operating Case Temperature	Tc	-40	+85	°C
Operating Humidity	RH		90	%
Bit Rate	BR	1	10	GB/s
Supply Voltage	Vcc	+2.96	+3.6	V

Applications

Data Center – Inter-Rack Connection 10G Ethernet
 InfiniBand, Fiber Channel 4G/8G/10G
 Sonet Multiplatform support
 High Performance Computing Clusters
 Metro Network Switch/Cross Connect

Order Information

Model	Descriptions
AE1-1	Direct Active Ethernet Cable, 10 GB, SFP to SFP, 1 meter

** Replace "1" With 3, 5, 10, 15 for Cable Distances **