

AIPC

Amphenol Interconnect Products Corp.

SFP+

Amphenol SFP+ Optical Transceivers are high performance, high density solutions for 10Gb Ethernet and Fibre Channel applications. These transceivers are multi-rate devices allowing for a wider range of applications and backward compatibility to legacy Fibre Channel specifications. The transceivers feature a high reliability 850nm vertical-cavity surface-emitting laser (VCSEL) allowing for flexible link distances up to 300m. The module supports the latest Improved Pluggable FormFactor specification for improved EMI performance.

Interface

- > 20 pin board-as-connector
- > Duplex-LC Optical connector

Cable Options

- > OM2, OM3

Key Features

- > I/O Connector designed for high speed differential signal applications
- > Improved Pluggable FormFactor (IPF) compliant for enhanced EMI/EMC performance
- > Data rates up to 11.3Gbps, backward compatible to 1Gbps
- > Support for 1x, 2x, 4x, and 8x Fibre Channel data rates
- > Link Distances up to 300m
- > High Reliability and Low Power Consumption
- > Push-to-release latch mechanism
- > Compliant to SFP+, SFF-8431

Applications

- > High capacity I/O in Storage Area Networks, Network Attached Storage, and Storage Servers
- > Switched fabric I/O such as ultra high bandwidth switches and routers
- > Data center cabling infrastructure
- > High density connections between networking equipment

10 Gigabit Ethernet

Optical Module



10GEA
10 GIGABIT ETHERNET ALLIANCE

Gigabit Ethernet products
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