

## SFP

## Fibre Channel

### Single-mode Optical Module

Amphenol single-mode Optical Transceivers are high performance, high density solutions for Ethernet, SONET, and Fibre Channel applications. These transceivers are multi-rate devices allowing for a wider range of applications and backward compatibility. The transceivers feature a high reliability 1310nm FP laser (VCSEL) allowing for flexible link distances up to 10km. As well, the module supports the latest Improved Pluggable FormFactor (IPF) specification for improved EMI performance.

#### Interface

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

#### Cable Options

- > Single-mode 9/125um

#### 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 3.2Gbps, backward compatible to 155Mbps
- > Support for 1x and 2x Fibre Channel data rates and OC-1 to OC-48 SONET data rates
- > Link Distances up to 10km
- > High Reliability and Low Power Consumption
- > Push-to-release latch mechanism
- > Compliant to SFP MSA

#### 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

