

Manufacturer CFP8SFP



Overview

Geppetto is a Spain-based artisan gelato manufacturer and B2B distributor, specializing in the production and supply of premium ice cream for hotels, restaurants, chiringuitos, catering companies...

Key Takeaways

The CFP8SFP connector is manufactured by Amphenol Communications Solutions, designed for high-speed data transmission applications.

Manufacturer

The CFP8SFP is part of Amphenol's CFP8 interconnect system, which is produced by Amphenol Communications Solutions. Amphenol is a leading manufacturer of high-speed fiber optic and electrical connectors, providing solutions for data centers, telecommunications, and industrial applications.

Technical Specifications

Contacts and Channels: CFP8 connectors feature 124 contacts per port with a 0.5 mm contact pitch and support 16 high-speed channels. **Data Rate:** Each channel is rated for 28 Gbps, with resonance dampening to improve signal integrity.

Form Factor: The system includes insert molding assemblies for top-side contacts and press-fit cage assemblies. The plug connector on the mating interface enhances accuracy and high-speed performance. **Thermal Management:** Optional riding heat sinks are available to ensure proper thermal dissipation during high-speed operation.

Standards Compliance: CFP8SFP connectors are compliant with IEEE and ITU-T applications, making them suitable for a wide range of networking and optical communication standards. **Mating Force:** Maximum mating force is 80 N.

Applications CFP8SFP connectors are typically used in: High-speed data centers for 400G and beyond optical links Telecommunication networks requiring multi-channel high-bandwidth connections Industrial and enterprise networking where compact, high-density interconnects are needed **Related Products** Amphenol also produces other high-speed connector families, including CFP2, SFP+, and eQSFP, which offer similar high-speed performance with varying channel counts and form factors.

The SF

P family supports up to 6 Gbps per channel and is designed for compact PCB layouts with multiple transceiver support. In summary, the CFP8SFP is a high-performance, multi-channel connector from Amphenol, optimized for high-speed optical and electrical data transmission, with robust thermal and signal integrity features suitable for modern networking infrastructure.

Article Content

CANADA CFP8SFP Manufacturer, Function, Datasheet

CANADA CFP8SFP Manufacturer, CANADA CFP8SFP Datasheet, CANADA CFP8SFP specifications, CANADA CFP8SFP PDF, pinouts, technical, info, cross, CANADA CFP8SFP application, CANADA

CFP8 Host Connector

CN168S-124-0001 CFP8 Host Connector Up to 112G PAM4/64G-NRZ/56G-NRZ per differential pair Current Capacity up to 2.2A for latest generation of DCO Connector, plug and mechanical sets

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Amphenol CS

Designed to meet the requirements of Small Form Factor industry standard SFF-8665, Amphenol offers both passive and active cable assemblies tailored to meet specific cable lengths,

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