

# Curve8 CN10SC

## LED WALL S-BOX FIBER CONVERTOR

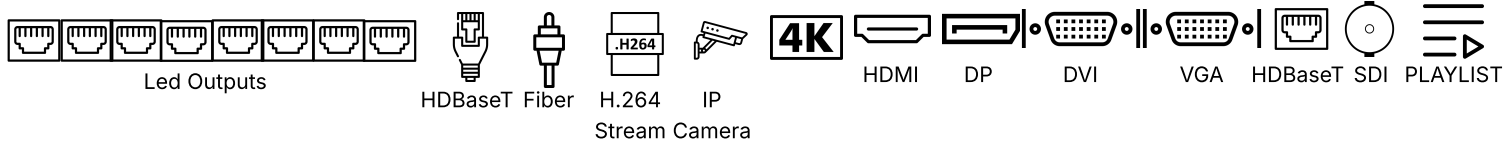
Model Number: 310326085312

**Curve8 CN10SC S-Box Fiber Converter Units offer Led Wall solutions.**



The **Curve8 CN10SC fiber converter** provides a cost-effective solution for converting optical signals to electrical signals, or electrical signals to optical signals, enabling seamless connectivity between the sending card and LED displays. Fully compatible with **4TheWall PVLN Series LED processors**, it ensures high-performance integration within professional LED systems. With its full-duplex architecture, the Curve8 CN10SC delivers efficient, stable, and interference-resistant data transmission, making it an excellent choice for long-distance signal transfer in demanding installations.

The hardware design prioritizes practicality and ease of on-site deployment. It supports multiple mounting options, including horizontal placement, suspended installation, and rack mounting—ensuring a secure, reliable, and flexible setup. For rack-mounted configurations, two Curve8 CN10 units, or one Curve8 CN10 unit combined with a connection module, can be assembled into a compact **1U rack form factor**, optimizing space efficiency in control cabinets and technical racks.



### Features

Models are available as **Curve8 CN10-S (single-mode)** and **Curve8 CN10-M (multi-mode)**.

- ▶ **2x optical ports** with factory-installed, hot-swappable optical modules, each supporting up to **10 Gbit/s bandwidth**
- ▶ **10x Gigabit Ethernet ports**, each supporting up to **1 Gbit/s bandwidth Fiber in / Ethernet out**  
When connected to the **10G (8b/10b encoding)** optical ports of front-end devices, the first **8 Ethernet ports** are available.  
When connected to the **10.3125G (64b/66b encoding)** optical ports of front-end devices, **all 10 Ethernet ports** are available.
- ▶ **Ethernet in / Fiber out**  
All **10 Ethernet ports** are available in this configuration.
- ▶ **1x Type-B USB control port**

This architecture, when used together with **4TheWall PVLN Series LED processors**, provides high bandwidth, flexible connectivity, and stable data transmission, making it ideal for professional LED display systems.