

# SFP+ Cages

Stewart Connector's Single and Multiport SFP+ Cages are designed to meet the requirements for Small Form Factor industry standards.

Stewart's SFP+ Cage offering is the next step in supporting the growing demand for I/O solutions for both Fibre Channel and Ethernet Applications, where improved performance is necessary with increasing Data rates. Supports 16Gbps Fibre Channels and 10Gbps Ethernet.

## Features & Benefits

- Fully compatible with SFP+ interfaces and backwards compatible mechanically with SFP
- SFP+ single and multiport configurations available in press-fit and PCI (1°) versions to accommodate various board thicknesses and assembly processes
- All SFP+ cages have 360° gaskets, spring finger and multiple ground-pin locations to increase the EMI shielding in various applications
- Belly to Belly mounting is capable on single and ganged cages to ensure effective utilization of PCB real estate
- Improved thermal management in higher wattage transceiver applications due to Heat Sinks mounted to various single and ganged configurations
- Light Pipes available for all configurations to provide a "link" or "no link" status using LEDs mounted on the PCB
- Press-Fit mounting options eliminate termination to PCB through soldering, lowering the applied cost and avoid solder related issues
- Compliant with industry standards SFF-8432, SFF-8083, and SFF-8431



## Applications

- Networked Storage Systems
- Servers
- Switches
- Routers
- Data Center Networking
- Fibre Channel and 10G Ethernet
- Telecommunications
- Storage
- Network Interface Cards (NICs)

## Card Edge Connector

Part Number	Ports	Mounting
SS-79100-004	1x1	Surface Mount

## Single Ports

Part Number	Ports	Mounting	Features
SS-79100-001	1x1	Press-Fit	EMI Clip and PCI 1 degree
SS-79100-002	1x1	Press-Fit	EMI Clip and Heat Sink
SS-79100-003	1x1	Press-Fit	EMI Clip and Light Pipe

## Multi Ports

Part Number	Ports	Mounting	Features
SS-79100-005	1x2	Press-Fit	EMI Clip
SS-79100-006	1x2	Press-Fit	EMI Clip and Heat Sink
SS-79100-007	1x2	Press-Fit	EMI Clip and Light Pipe
SS-79100-008	1x4	Press-Fit	Gasket
SS-79100-009	1x4	Press-Fit	EMI Clip and Light Pipe
SS-79100-010	2x1	Press-Fit	EMI Clip and Light Pipe
SS-79100-011	2x2	Press-Fit	EMI Clip and Light Pipe
SS-79100-012	2x2	Press-Fit	EMI Clip

