

Active Optical Products





Low Rider Transceivers

The Cinch Connectivity Solutions, Stratos Brand Low Rider Optical Transceiver family are designed specifically with the rugged Mil-Aero and Industrial markets in mind. The Low Rider products cover a variety of data rates and wavelengths with a common foot print form factor.

The Low Rider was first invented by Stratos in 2003, has a long history of success in the rugged market, and has since been copied by other optical suppliers. No other supplier has the same length of history, or breadth and depth of product offering.

Low Rider transceivers can be ordered with conformal coating, with fiber pigtailed, with screw posts as opposed to SMT solder mount, or as a “pluggable” device. The new Low Rider pluggable product line utilizes secure mounting techniques with captive screws, and a true pin and socket electrical connection designed for high speed and high vibration performance.

Active Bulkheads

Active Bulkhead Media Converters were first invented by Stratos in 2004 to support a rugged T1 telecom converter application for the Marine Corps. Since that time the product family has grown to include 100BT and 1000BT Ethernet, and are deployed around the world in several mission critical systems.

The Active Bulkhead Media converter family offers several product options including optical TFOCA-II interface or optical expanded beam interface, and RJ45 or miniature circular connector for the electrical interface. There are also product options to support various Ethernet data rates, singlemode or multimode fiber, and choice of wavelength.

TFOCA-II Optical



Expanded Beam Optical

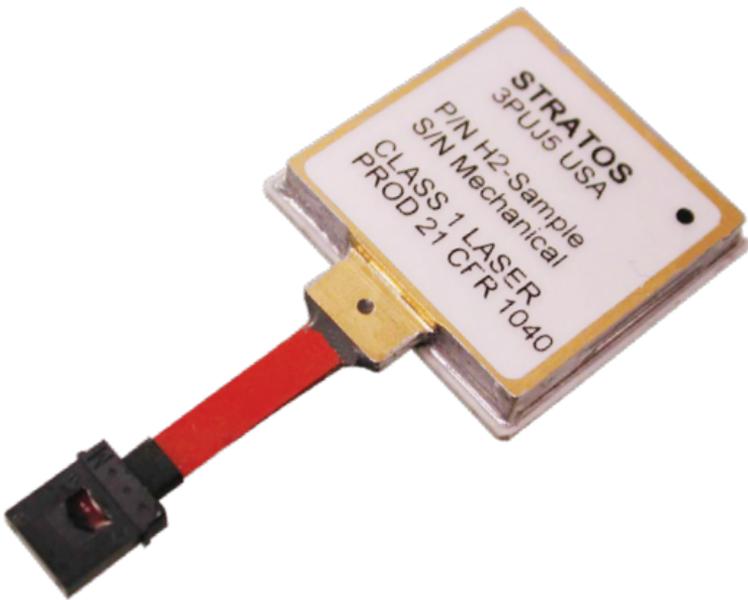


Quad Hybrid Transceivers

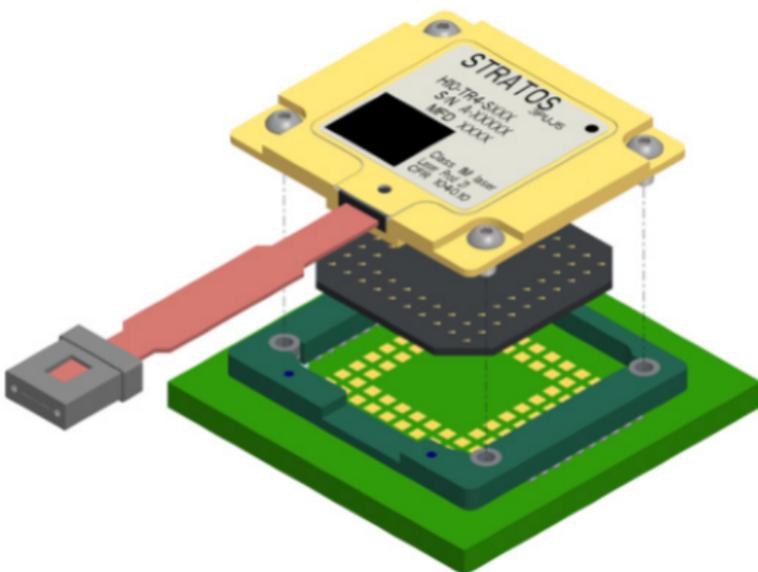
Stratos Quad Hybrid Optical Transceivers has been shipping into rugged US Air Force applications since 2004. These transceivers are “pluggable using a SMT socket designed for high vibration, provide a small foot print (1 sq. inch), have a low profile (less than 0.285 in. mated height), and come with Stratos brand routed fiber ribbon pigtail.

The Quad Hybrid transceiver family supports data rates from 1G to 10Gbps, with product family options for high RX sensitivity or for extra optical TX launch power.

Quad Hybrid



H10 (10G Quad) Socketed Solution





AIM CAMBRIDGE

c-dmx™



CIN::APSE®

CINCH MIL/AERO
Circulars

Dura-Con™

FIBRECO®

FQIS

INDUSTRIAL
CINCH

JOHNSON™



ModICE®

Omega

STRATOS
optical technologies

Semflex
microwave solutions

TROMPETER
RF connectivity

Viewsonics™

VITELEC®
ELECTRONICS

About Our Company

Cinch Connectivity Solutions is a vertically integrated supplier of high quality, high performance connectors and cable assemblies. Our product lines deliver custom engineered solutions to satisfy the most demanding and complex requirements. Cinch Connectivity's products support aerospace, military, wireless communications, data networking, telecommunications, test/measurement, broadcast, medical, oil/gas and other harsh environment applications.

For over 100 years, we have aimed to exceed our customers' expectations by continually providing innovative solutions to the rapidly changing needs of the markets and customers we serve.

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Stratos Optical Technologies

Stratos brand of optical connectivity products, designed and manufactured by Cinch Connectivity Solutions, is globally recognized as highly reliable, cost-effective, and provides optical connectivity solutions that are virtually immune to dust, mud, oil, water, and other contaminants.



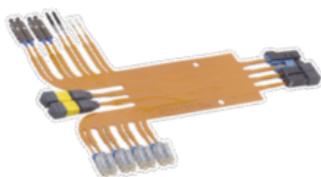
Optical Transceivers



Optical Quad Hybrids



Optical Media Converters



Optical Fiber Flex Circuits

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