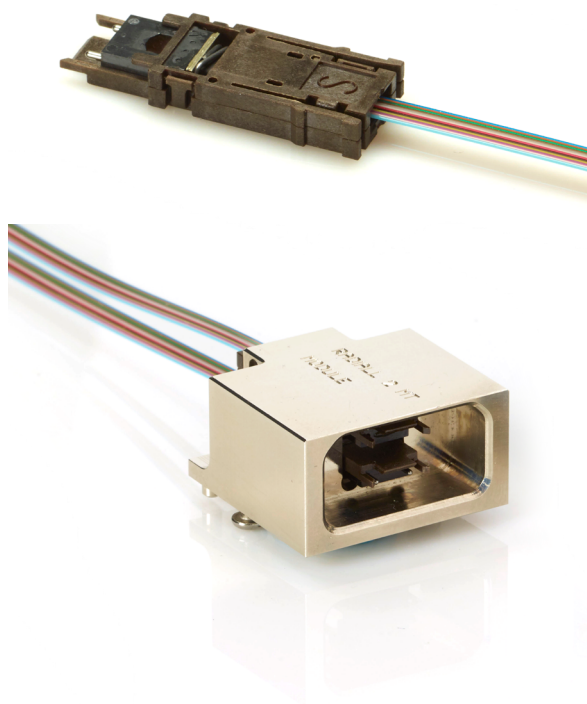




C-MTitan™

High density solution for harsh environments

C-MTitan™ protects a standard MT ferrule to maintain excellent optical performance and provide high density connectivity to harsh environments.



Radiall's MTitan™ series is a full range of high density Fiber Optic interconnect solutions for aerospace and military applications. Product solutions within the MTitan™ series feature an innovative design to reinforce a standard MT ferrule and provide ruggedized multichannel interconnects in a small package.

The C-MTitan™ design is dedicated to “inside the box” applications and features a cartridge that protects the MT ferrule and permits its usage in stringent applications. The enhanced alignment system and scoop proof design provides a secure connection allowing the MT ferrule to withstand a large number of mating cycles and high vibration levels.

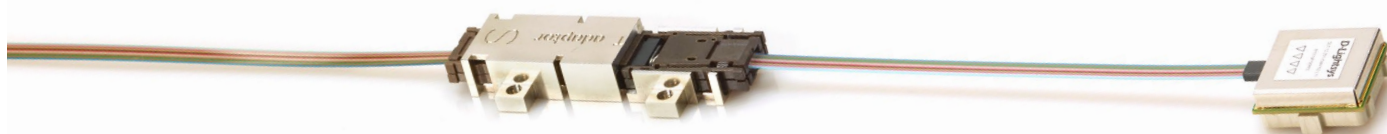
C-MTitan™ includes various interconnect solutions, including: PCB mating adapter, board connectors (VITA 66.1 type) and multipin connectors. The latching system makes it an easy insertion/extraction solution with no tool needed.

This innovative product range extends Radiall's capability to provide customers with a Fiber Optic end-to-end solution.



C-MTitan™: the high density solution for “inside the box” applications in harsh environments.

High density solution for harsh environments



C-MTitan™ provides interconnect solutions to display the benefits of D-Lightsys® multichannel transceivers and fulfill high speed data communication requirements.

Excellent performance:

- Temperature range: -55°C to +105°C (ribbon cable dependent)
- Durability: 200 mating cycles
- Vibration: 35 Grms

Expandable product range:

- C-MTitan™ Adapter
- C-MTitan™ VITA66.1 type connector
- Rectangular connectors

Features & Benefits

- High density of standard MT ferrule (12 or 24 fibers)
- Protection of the MT ferrule for enhanced performance in harsh environments
- C-MTitan™ cartridge available in kit or terminated on ribbon fibers
- Easy insertion/extraction with latching mechanism
- Perfectly suited to terminate pigtailed D-Lightsys® multichannel transceivers

Applications

- For all applications requiring high density and/or high count of Fiber Optic channels, such as:
 - » Radars
 - » IFE (In Flight Entertainment)
 - » Displays