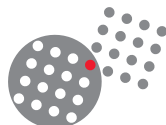


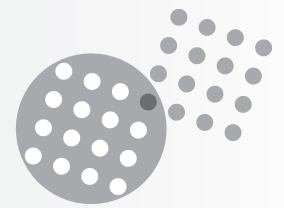


# FCDB™

## Ruggedized High Speed Solutions Guide



**SOURIAU**  
Connection Technology

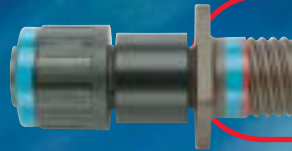


## ACCESSORIES

MIL-DTL-38999  
Series III  
Shorting Plug



MIL-DTL-38999  
Series III  
Connector Saver



FCDB Cable with  
9 Position D-Sub  
Termination



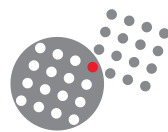
HSSDC Receptacle  
Adapter



MIL-DTL-38999  
Series III  
Test Fixture Adapter



FCDB Cable with  
HSSDC Termination



**SOURIAU**  
Connection Technology

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[www.souriau.com](http://www.souriau.com)

# FCDB™

## PLUG INTERCONNECT

MIL-DTL-38999  
Series III  
Nickel Plated Composite  
Shell Size 11 Plug



MIL-DTL-38999  
Series III  
Cadmium Plated Composite  
Shell Size 11 Plug



MIL-DTL-38999  
Series III  
Nickel Plated Aluminum  
Shell Size 11 Plug



MIL-DTL-38999  
Series III  
Cadmium Plated Aluminum  
Shell Size 11 Plug



## RECEPTACLE INTERCONNECT

MIL-DTL-38999  
Series III  
Nickel Plated Composite  
Shell Size 11 Flange Receptacle



MIL-DTL-38999  
Series III  
Cadmium Plated Composite  
Shell Size 11 Flange Receptacle



MIL-DTL-38999  
Series III  
Cadmium Plated Aluminum  
Shell Size 11 Jam Nut Receptacle

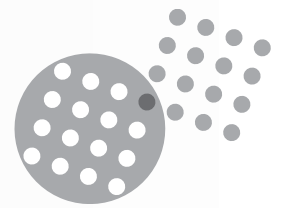


MIL-DTL-38999  
Series III  
Nickel Plated Aluminum  
Shell Size 11 Jam Nut Receptacle

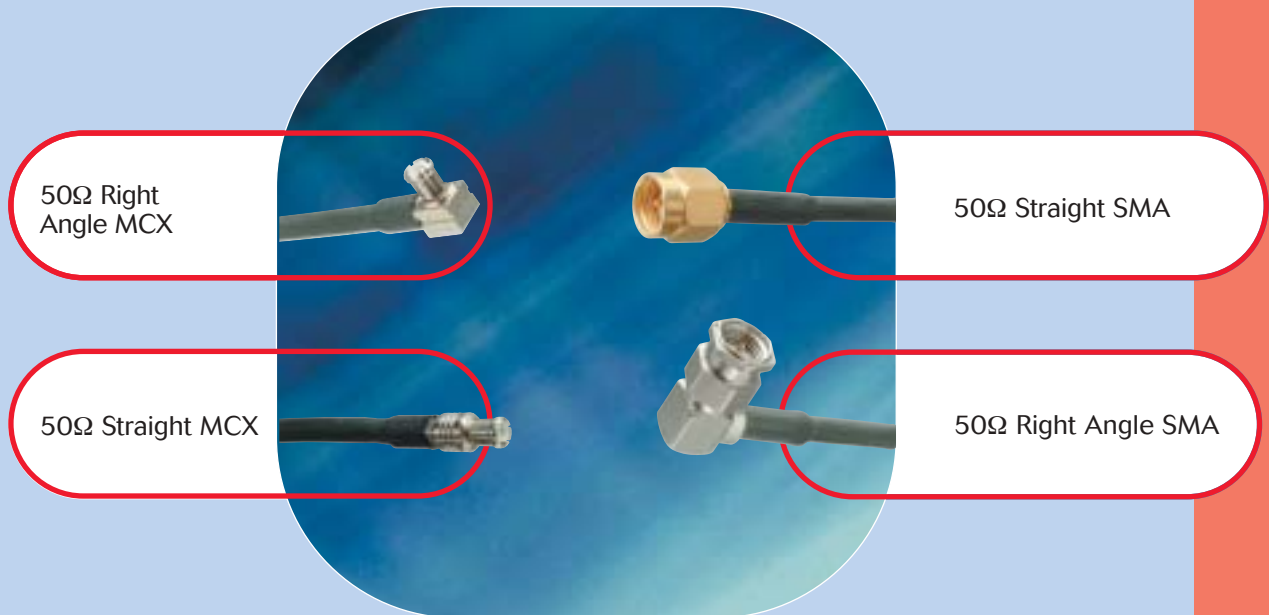


MIL-DTL-38999  
Series III  
Cadmium Plated Aluminum  
Shell Size 11 Flange Receptacle

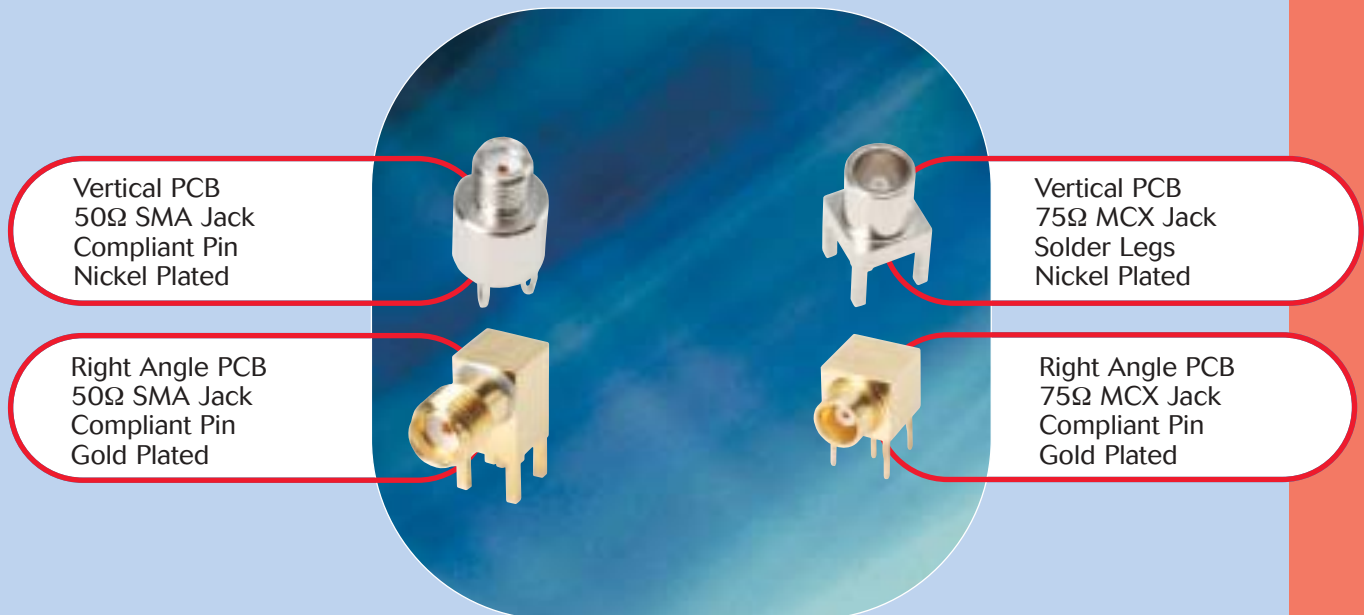




## *RF INTERCONNECT*



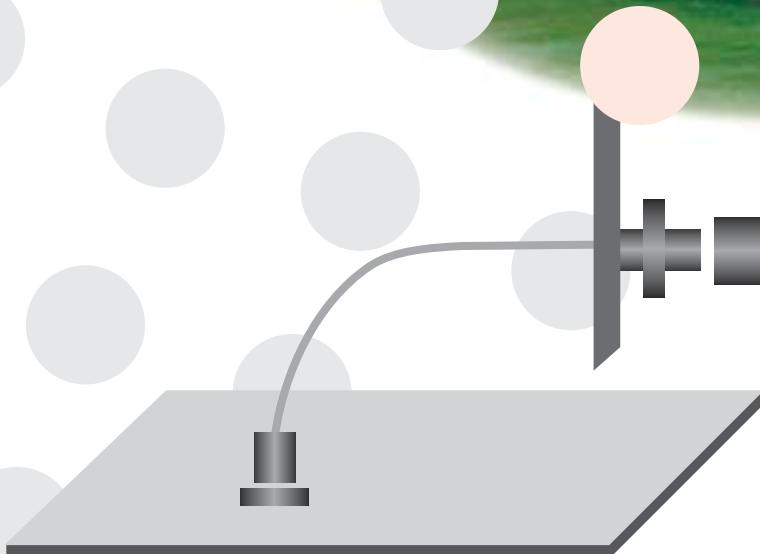
## *RF PCB INTERCONNECT*

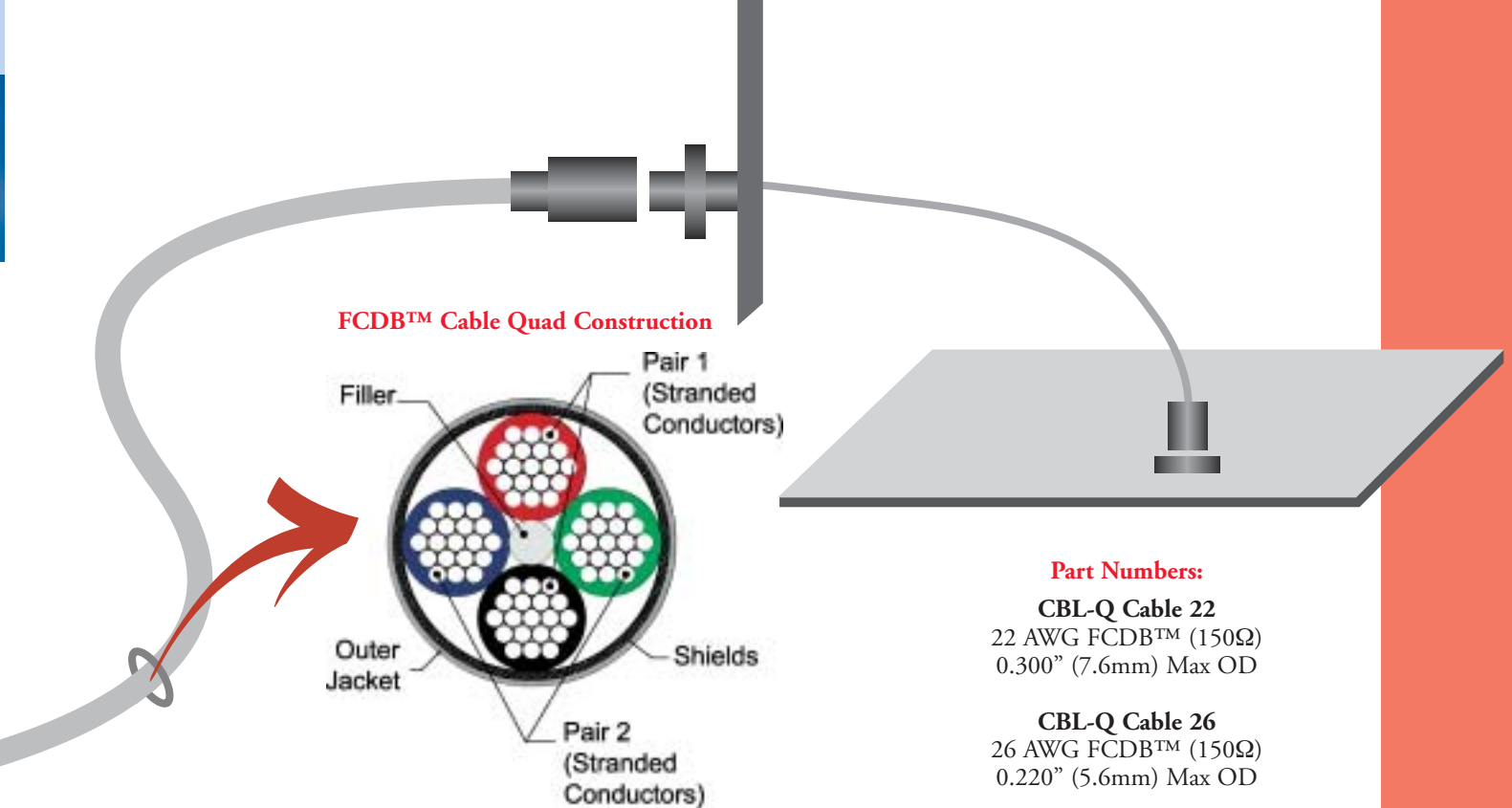


# SOURIAU

As a respected supplier to the military aerospace industry for nearly 70 years, Souriau has built its reputation by providing highly innovative technical solutions that meet or exceed the industry's most stringent requirements.

Improvements in computer performance have created the need for increasingly fast networks in severe environments. SOURIAU answers that demand with a complete range of interconnect devices designed to deliver excellent performance in severe environments. Our ruggedized Fibre Channel Data Bus (FCDB™) products are optimized for excellent signal integrity throughout the entire network.





### Technically Speaking

The advancement of technology has generated the requirement for extremely fast data links and high speed networking applications for use in Military and Commercial aircraft inter-processor communication and video applications.

SOURIAU's designs provide a complete point-to-point solution for transferring full-duplex Fibre Channel signals up to 2GBit/sec, from the PC board through the bulkhead, and throughout the application. Our quad design and unique termination process ensures optimum performance by maintaining characteristic impedance from cable to board in a ruggedized, lightweight package.

SOURIAU's complete product solution includes:

- FCDB™ cable harness, utilizing MIL-DTL-38999 series III, size 11 connector.
- FCDB™ PCB mount interconnect system with straight and 90° configurations.
- FCDB™ accessory contact system.
- Additional FCDB™ accessories include RF, Adapters, Savers, etc.

These high performance systems are the practical solution for high speed, ruggedized copper technology requirements.