



# Connector Saver for Tight Tolerance 38999-Style Series III Fiber Optic Connectors

Extend the service life of connectors, contacts and cable assemblies

## The Challenge

A Fiber Optic Cable harness is put through rigorous system and environmental testing, including repetitive mating and de-mating cycles, before it reaches final installation. ITT Cannon's Tight Tolerance 38999-Style Series III Fiber Optic Connectors are designed and manufactured to ensure lowest insertion loss, but over time, these connectors can begin to deteriorate during prolonged mating and de-mating, taking a toll on connectors, contacts and cable assemblies that are expensive and time-consuming to repair or replace.

## The Solution

You can preserve your investment and reinforce the integrity of connectors subject to extreme use and repetitive mating and de-mating by installing an ITT Cannon Tight Tolerance D38999-Style Series III Fiber Optic Connector Saver between the Unit Under Test (UUT) and test equipment.

Our Connector Saver is specifically designed to protect your connectors by absorbing the wear and tear associated with mating and de-mating during the testing process, allowing your cable harness to remain in its original condition for final installation. It also features a removable contact system can be easily replaced after it becomes worn or damaged, with far less cost than replacing the mounted box cable harness.

## Benefits

- Minimizes mating cycle exposure
- Extends service life of connectors and cable assemblies
- Protects expensive mounted box cable harnesses from excessive wear and tear

## Features

- Mates to MIL-DTL-38999-Style Series III Tight Tolerance Connectors
- One-piece, removable pin/socket contacts
- Multiple shell sizes and keyed polarization options
- Removable pin/socket contacts to replace damaged contacts



## Markets & Applications



COMMERCIAL AVIATION



MILITARY AVIATION



SHIPBOARD SYSTEMS

# Connector Saver for Tight Tolerance 38999-Style Series III Fiber Optic Connectors



## How to Order | SVR38999-Style

SVR38999-Style / F 25-37 P N - M001

Series \_\_\_\_\_

Class \_\_\_\_\_

Shell Size and Insert Arrangement \_\_\_\_\_

Pin or Socket on Plug Side \_\_\_\_\_

Alternate Key Positions \_\_\_\_\_

Modification Code \_\_\_\_\_

### Series

Saver 38999-Style Series III, Fiber Optic

### Class

F - Aluminum Shell, Electroless Nickel Finish  
W - Aluminum Shell, OD Cad over Electroless Nickel Finish  
K - Stainless Steel Shell, Passivated Finish

### Shell Size & Insert Arrangement

11-2  
13-4  
15-5  
17-8  
19-11  
21-16  
23-21  
25-37

### Pin or Socket on Plug Side

P - Pin on Plug Side (Receptacle Socket Side)

S - Socket on Plug Side (Receptacle Pin Side)

### Alternate Key Positions

N (normal) A, B, C, D and E

### Modification Code

Consult factory for modification codes (Omit for none)

## How to Order | SVR38999-Style Termini

SVR / T - 62

Series \_\_\_\_\_

Termini Assembly \_\_\_\_\_

Ferrule Diameter (Table I) \_\_\_\_\_

### Series

Saver 38999-Style Series III, Fiber Optic

### Ferrule Diameter (Table I)

Fiber Size	Dash Number
Singlemode 9/125	-09
Multimode 50/125	-50
Multimode 62.5/125	-62
Multimode 100/140	-100



## Why ITT

ITT is a focused, multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions. ITT Cannon is a leading global manufacturer of connector products serving international customers in the aerospace and defense, industrial and medical end markets. We design and engineer a variety of interconnect solutions that make it possible to transfer data, signal and power in an increasingly connected world.

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