

Winchester Electronics Presents...

Fiber Optic Tri-Loc[®] Camera Connector



The rugged stainless steel outer shell ensures a very long product life. When properly cleaned, the ceramic fiber optic contacts will last for thousands of mating cycles. The optical contacts are easily accessible by removing the unique alignment sleeve cartridge from the front of the connector for fast cleaning. The available cleaning kit and inspection tools help the user view the condition of the fiber optic contact and maintain cleanliness to ensure reliable operation.

Also newly available are the optional pre-terminated fiber optic contacts to provide the user a contact that can be terminated without polishing. It is intended for use in situations where it is critical that a cable be repaired quickly. They may be used indoors, in fixed installation environments, or in the field and will provide optical performance and reliability equal to that of a factory-polished connector. These are also ideal for the customer who wishes to make their own cables without the investment of time and money for the equipment or polishing process.

Product Benefits:

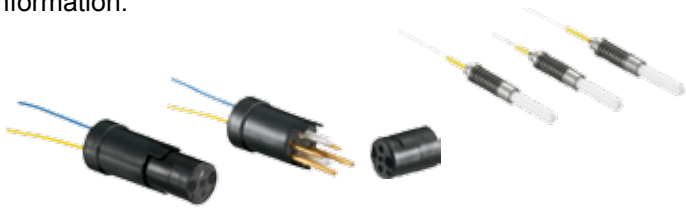
- Fewer components when compared to similar products currently on the market.
- Quick Disconnect Push/Pull self-latching system.
- ARIB (BTA S-1005B), ANSI/SMPTE (304-2009 & 311-2009), and EBU (R100-1999) compatible.
- Stainless steel shell for rugged and harsh environment.
- Optional pre-polished contacts for dependable fusion splicing.
- Crimp or solder electrical contacts.
- UL Certified



Specifications:

Electrical	Optical	Environmental
Auxiliary Electrical Contacts	Wavelength	Temperature Rating
Voltage 600 Volts AC	1250 nm - 1625 nm	Operating -20°C to +60°C
Current 10 A	Insertion Loss	Storage -40°C to +75°C
Low-Voltage Contacts	0.5 dB Max, 0.3 dB Typical	Humidity
Voltage 42 V AC or 60 V DC	Return Loss	<95% RH (at +40°C)
Current 1 A	> -45 dB, -50 dB Typical	

Winchester Electronics has partnered with the global leader in fusion splicing technology, AFL Telecommunications, to design a customized Fujikura fusion splicer for our Fiber Optic Tri-Loc® Camera Connectors. This partnership provides Winchester customers the best performance and value in the industry. Please contact Winchester Electronics for more information.



Optional pre-polished, pre-terminated Fiber Optic Contacts for dependable fusion splicing

Contacts easily accessible for fast cleaning by removing the unique alignment sleeve cartridge from the front of the connector with the available removal tool



Optional ruggedized dust caps and jackets available



Connectors	Part #
Fiber Optic Tri-Loc® Jack	7763-3-3
Fiber Optic Tri-Loc® Plug	7765-3-3
Fiber Optic Tri-Loc® Jack w/ Pre-Polished Splice on Termini	7763-4-3
Fiber Optic Tri-Loc® Plug w/ Pre-Polished Splice on Termini	7765-4-3

Protective Boots	Part #
Fiber Optic Tri-Loc® Jack Boot and Cap Kit	7760-000-00705Z
Fiber Optic Tri-Loc® Plug Boot and Cap Kit	7760-000-00704Z
Fiber Optic Tri-Loc® Jack Cap Kit	7760-000-00707Z
Fiber Optic Tri-Loc® Plug Cap Kit	7760-000-00706Z

Contact Repair Kits	Part #
Fiber Optic Tri-Loc® Jack Repair Kit	7760-000-00702Z
Fiber Optic Tri-Loc® Plug Repair Kit	7760-000-00701Z
Fiber Optic Tri-Loc® Jack Repair Kit w/ Pre-Polished Splice on Termini	7760-000-00709Z
Fiber Optic Tri-Loc® Plug Repair Kit w/ Pre-Polished Splice on Termini	7760-000-00708Z
Fiber Optic Tri-Loc® Plug Repair Kit w/ Cartridge	7760-000-00703Z
Fiber Tri-Loc® Pre-Polished Splice-On Termini	7760-000-00711Z

Tools	Part #
Tool Frame (Ergonomic)	KTH-5000
Die Set .068 / .384 for KTH-5000 Tool Frame	KTH-5018
Tool Frame (Large Bench)	KTH-1000
Die Set .068 / .384 for KTH-1000 Tool Frame	KTH-2035
Fiber Optic Tri-Loc® Universal Contact Removal Tool (all contacts)	KTH-2310
Fiber Optic Tri-Loc® Universal Contact Removal Tool w/ Swabs & Loaded Housings	KTH-2317
Fiber Optic Tri-Loc® Double Ended Contact Removal Tool (Same as KTH-2310) w/ Lemo® Removal End	KTH-2324

Cable assembly procedure available - please contact customer service.

Connecting Innovation to Application®



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