

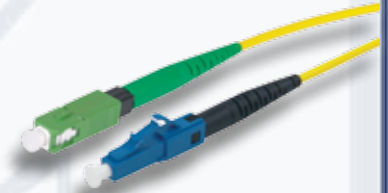
Winchester Electronics Presents...

AFL FuseConnect™ Connectors

Winchester Electronics has partnered with the global leader in fusion splicing technology, AFL Telecommunications, to offer FuseConnect™ fusion-spliced, field terminated connectors that are uniquely designed and feature just four components.

Our customized Fujikura fusion splicer is utilized to terminate the connectors in the field and these connectors are also compatible with other fiber holder-based fusion splicing platforms currently available.

FuseConnect™ connectors have an innovative four-component structure which eliminates the complexity of additional crimp ring parts, virtually eliminating the crimping operation.



Product Benefits:

- Field installable
- Only four components
- No adhesives, crimping, or polishing
- True APC performance
- MM compliant to TIA/EIA568C.3
- Compatible with most fusion splicers



FuseConnect™ in Fusion Splicer



Applications:

- Connectorization in:
 - Broadcast distribution
 - RF-overlay FTTP networks
 - Cable TV backbone networks
 - Outside plant
 - FTTDesk
 - MDU FTTP Cabling
- Central office connector replacement
- Data center installation

Parts and Accessories

Part Number - 7005 Series	Fiber Optic - SC - Singlemode
7005-000-00701Z	SC UPC non-angled singlemode FuseConnect™ - 3mm, Blue
7005-000-00702Z	SC APC angled singlemode FuseConnect™ - 3mm, Green
7005-000-00703Z	SC UPC non-angled singlemode FuseConnect™ - 2mm, Blue
7005-000-00704Z	SC APC angled singlemode FuseConnect™ - 2mm, Green
7005-000-00705Z	SC UPC non-angled singlemode FuseConnect™ - 900µm, Blue
7005-000-00706Z	SC APC angled singlemode FuseConnect™ - 900µm, Green
Part Number - 7025 Series	Fiber Optic - SC - Multimode
7025-000-00701Z	SC PC 62.5µm multimode FuseConnect™ - 3mm, Beige
7025-000-00702Z	SC PC 50µm multimode FuseConnect™ - 3mm, Black
7025-000-00703Z	SC PC 50µm 10G multimode FuseConnect™ - 3mm, Aqua
7025-000-00704Z	SC PC 62.5µm multimode FuseConnect™ - 2mm, Beige
7025-000-00705Z	SC PC 50µm multimode FuseConnect™ - 2mm, Black
7025-000-00706Z	SC PC 50µm 10G multimode FuseConnect™ - 2mm, Aqua
7025-000-00707Z	SC PC 62.5µm multimode FuseConnect™ - 900µm, Beige
7025-000-00708Z	SC PC 50µm multimode FuseConnect™ - 900µm, Black
7025-000-00709Z	SC PC 50µm 10G multimode FuseConnect™ - 900µm, Aqua
Part Number - 7045 Series	Fiber Optic - LC - Singlemode
7045-000-00701Z	LC UPC non-angled singlemode FuseConnect™ - 2mm, Blue
7045-000-00702Z	LC UPC non-angled singlemode FuseConnect™ - 900µm, Blue
Part Number - 7065 Series	Fiber Optic - LC - Multimode
7065-000-00701Z	LC PC 62.5µm multimode FuseConnect™ - 2mm, Beige
7065-000-00702Z	LC PC 50µm multimode FuseConnect™ - 2mm, Black
7065-000-00703Z	LC PC 50µm 10G multimode FuseConnect™ - 2mm, Aqua
7065-000-00704Z	LC PC 62.5µm multimode FuseConnect™ - 900µm, Beige
7065-000-00705Z	LC PC 50µm multimode FuseConnect™ - 900µm, Black
7065-000-00706Z	LC PC 50µm 10G multimode FuseConnect™ - 900µm, Aqua
Part Number - KTH Series	FuseConnect™ Installation Kits for:
KTH-2336	FSM-17S-FH, FSM-17R, FSM-18S, FSM-18R, FSM-50R12, FSM-60S, FSM-60R12

Specifications

Parameter	Value
Connector Type	SC [TIA/EIA-604-3 (FOCIS 3)] / LC [TIA/EIA-604-10A (FOCIS 10)]
Cable Type	900µm, 2mm, 3mm
Polish	APC, UPC, PC
Insertion Loss	SM: 0.15dB (average), 0.3dB (maximum) / MM: 0.10dB (average), 0.3dB (maximum)
Return Loss	SM = > 65dB (APC), >55dB (UPC) / MM - > 30dB (PC)
Operating Temperature	-40°C to +75°C

Connecting Innovation to Application®