

FuseConnect™

Product description

The FuseConnect™ family of connectors come factory pre-polished, and can be easily assembled in the field with Fujikura's fusion splicers.

Once assembled, it is largely indistinguishable from a factory terminated connector.

Features

- Field installable high reliability connector
- No polishing required
- Compatible with Fujikura's fusion splicers & fibre cleavers*
- Fast and easy operation



Specification

Item	Content
Applicable fiber	250 µm and 900 µm fiber 2mm and 3mm cordage Drop Cable and Low Friction Cable
Fiber polishing method	UPC polish and APC polish
Connection Loss	Typically ≤ 0.30 dB
Return Loss	≥ 55 dB (SM fiber UPC polish) ≥ 65 dB (SM fiber APC polish)

*Fujikura's fusion splicers & fibre cleavers sold separately
[Please contact us directly for any additional specifications not listed.](#)

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Fujikura Asia Limited

ORDERING INFORMATION

FuseConnect™ Product Code:

FuseConnect — aa — bb — cc — dd

	Connector Type	Assembly Type*		Fibre / Polish Type		Cord Type	
Product Code	aa	bb		cc		dd	
Product Options	SC	SF	Standard Format	SM	OS1 9/125 µm UPC	20	2 mm cord
	LC	QA	Quick Assembly	APC	OS1 9/125 µm APC	30	3 mm cord
	FC			GI5	OM3 50/125 µm UPC	20/30	2 mm & 3 mm cord
				GI6	OM1 65.2/125 µm UPC	09	900 µm cord
				10G	OM4 10G UPC		

*SF & QA Assembly Type Comparison

SF - Standard Format	QA – Quick Assembly
~5 minutes assembly time for 2/3 mm cord types	Quicker assembly time for 2/3 mm cord types
All connector types available	Only SC & LC connector types available
All cord types available	Only 2mm & 3mm cord types

Example product code:

FuseConnect-SC-QA-APC-20

The above describes a FuseConnect SC/APC connector, for use with 2 mm cord with SM fibre, in the Quick Assembly type.

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