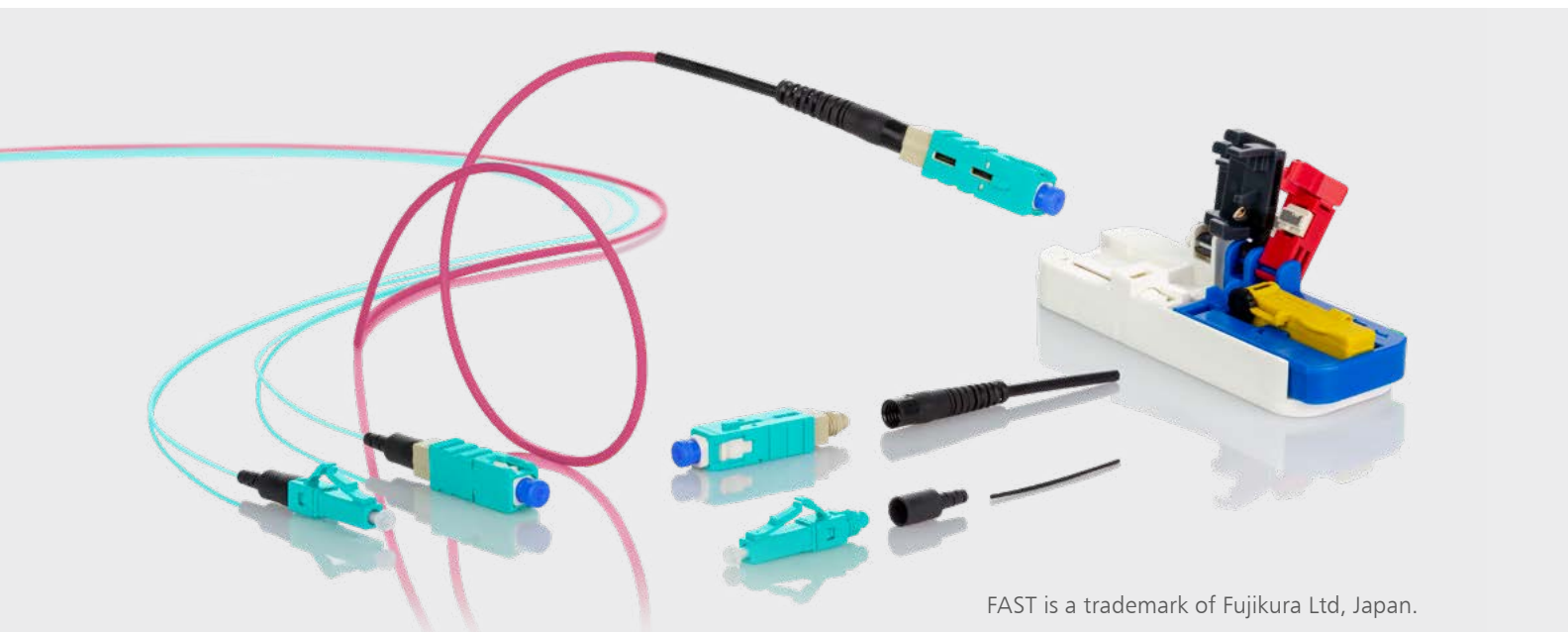


# Product information – OpDAT FAST™

the new field installable FO connector for multi-mode connections



FAST is a trademark of Fujikura Ltd, Japan.

The OpDAT FAST™ connector is a field installable fibre optic connector for multi-mode technology that offers very good and constant optical transmission values. The FO connector can be assembled quickly and easily in the field - no gluing, no polishing and no special tools required. The factory-polished ceramic ferrule guarantees very good and stable connection

#### Features

- > simple, easy to learn, fast and cost-effective installation.
- > available with connector types LC and SC for multi-mode. (suitable for OM3 and OM4).
- > connector kits for fiber optic wires with Ø 0.25 and Ø 0.9 mm.
- > connector kits for fiber optic cables with Ø 2.0 and Ø 3.0 mm.
- > the connector can be assembled up to three times.
- > the separating device (cleaver) included in the delivery contents provides a clean, straight cut. It is maintenance-free and can be used up to 200 times.
- > every OpDAT FAST™ connector has a serial number, so that traceability is possible at any time.

#### Applications

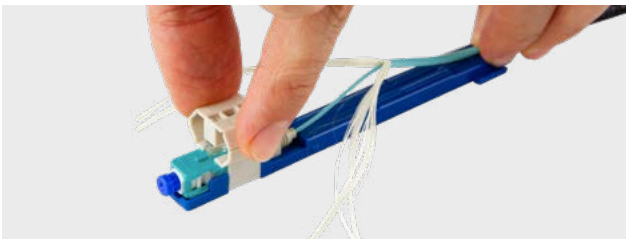
- > repairs in the field
- > in areas that are difficult to access, or with limited space

## Technology

The OpDAT FAST™ connector offers consistently good insertion loss and return loss values thanks to high-precision guide elements.

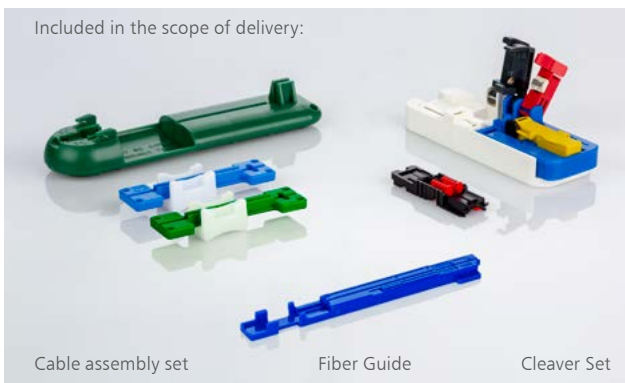
OpDAT FAST™ connectors are speedy to assemble and very easy to handle.

These features are largely thanks to the newly developed **Fiber guide**, a tool included in the delivery contents. First, it serves as a “template” during preparation so that the stripping lengths for the respective connector type can be marked correctly on the wires to be connected. After the fiber has been trimmed to length with the aid of the separating device (cleaver), the fiber guide is used again: when the fiber is inserted into the connector, it ensures safe and easy assembly. The result is a long-term stable and powerful optical connection.



In addition, tools are supplied together with the connector kits to make the assembly much easier.

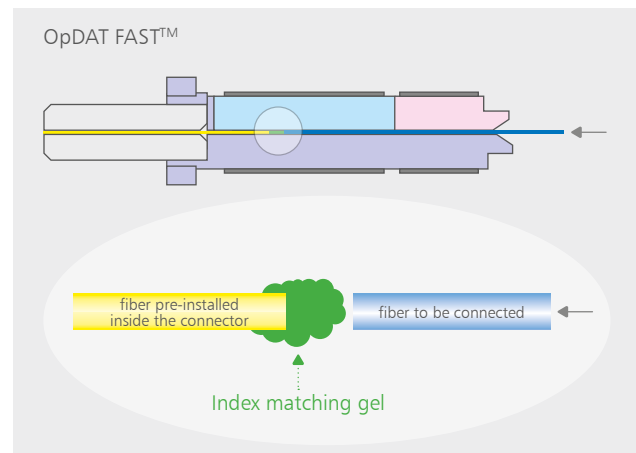
Included in the scope of delivery:



Cable assembly set

Fiber Guide

Cleaver Set







A Fiber Optic Tool Bag is available as an option, the contents of which are generally suitable for all further work with optical fibers.

Optional:



Fiber Optic Tool Bag

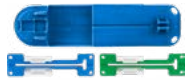
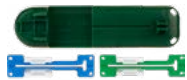


ORDERING INFORMATION

CONNECTOR TYPE	FIBER TYPE	PART NUMBER	SCOPE OF DELIVERY		CABLE TYPE	
			CONNECTOR KITS	ACCESSORIES		
LC PC	OM3/OM4	1509MAJO010C-F	100	Cleaver Set Fiber Guide	0.25 + 0.9 mm 	
		1509MAJO002C-F	20	Cleaver Set Fiber Guide		
		1509MAJO0010-F	10	–		
	OM3/OM4	1509MKJO010C-F	100	Cleaver Set Fiber Guide Cable assembly set	2.0 + 3.0 mm 	
		1509MKJO002C-F	20	Cleaver Set Fiber Guide Cable assembly set		
		1509MKJO0010-F	10	–		
	SC PC	OM3/OM4	1509MAEO010C-F	100	Cleaver Set Fiber Guide	0.25 + 0.9 mm 
			1509MAEO002C-F	20	Cleaver Set Fiber Guide	
			1509MAEO0010-F	10	–	
OM3/OM4		1509MKEO010C-F	100	Cleaver Set Fiber Guide Cable assembly set	2.0 + 3.0 mm 	
		1509MKEO002C-F	20	Cleaver Set Fiber Guide Cable assembly set		
		1509MKEO0010-F	10	–		

TECHNICAL DATA

CONNECTOR TYPE	SC	LC
IEC	61754-4	61754-20
TIA/EIA	604-3	604-10-A
Diameter of the ceramic ferrule	2.5 mm	1.25 mm
Fiber type	OM3 (MM 50/125 μm), G.651.1. also suitable for OM4	
Color	aqua	
Insertion loss (against master)	0.2 to 0.4 dB	
Return loss	> 35 dB	
Temperature range (depending on cable)	-25° to +70 °C (for 0.25 mm Faser)	

OPTIONAL ACCESSORIES / SPARE PARTS

	PART NUMBER	SCOPE OF DELIVERY	IMAGE
Cable assembly set for LC	15080020KJO-E	LC assembling tool Cable clamp for Ø 2 mm Cable clamp for Ø 3 mm	
Cable assembly set for SC	15080020KEO-E	SC assembling tool Cable clamp for Ø 2 mm Cable clamp for Ø 3 mm	
Fiber Guide for SC	15080020FGJ-E		
Fiber Guide for SC	15080020FGE-E		
FO tool bag	150800200-E	Kevlar scissors Red light source Settling pliers Cleaning tissues Cleaning fluid 2 ferrule cleaners Tweezers Fiber waste container 2 screwdrivers	