

FiberConnect

Bare Fiber Adapter



Now you can test without terminating!

The FiberConnect is the ultimate time saving solution for coupling unterminated fiber or optical components to test equipment. By allowing the user to perform optical measurements without terminating, which requires additional equipment and procedures, test time can be significantly reduced over 50% compared to other methods. The low loss and highly repeatable connection made using the FiberConnect is similar to that of connectorized fiber.

Features and Benefits

- Highly repeatable
- Easy-to-use
- Low insertion loss and back reflection
- Evaluation of fiber span or components without termination
- Significant reduction of test time

Flexible for the end user

The FiberConnect contains a precision glass ferrule that is permanently aligned to a connectorized cable assembly. Available in multiple configurations, the FiberConnect is suited for a variety of multimode or single-mode applications. It is offered with UPC or APC polish in an assortment of connector styles. For added convenience, the FiberConnect can be attached to a smooth surface with either the integrated magnetic mount or the supplied suction-cup base.

Easy-to-use

The FiberConnect is extremely easy-to-use — only a single drop of index matching oil is required. The fiber to be tested is stripped, and cleaned and cleaved, then inserted into the unit until the end face meets the permanently mounted fiber. The result is a low loss, low reflectance connection optimal for any testing application.

Specifications

Optical Specifications	
Fiber type	Single-mode: 9/125 μ m Multimode: 62.5/125 or 50/125 μ m
Pigtail length	1 m
Insertion loss (Typical)	<0.6 dB
Number of insertions	2000 min.
Back reflectance	<-50 dB
General Specifications	
Operating temperature	-10° to +50° C (14° to 122° F)
Storage temperature	-40° to +60° C (-40° to 140° F)
Connector types	FC, ST, SC, D4, E2000, LC, DIN
Weight (with cable)	90 g (3.2 oz)
Unit size (D x W x H) (with suction cup)	35 x 35 x 32 mm (1.375 x 1.375 x 1.25 inches)
Case size (D x W x H)	20 x 24 x 8 cm (8 x 9.5 x 3.5 inches)



Ordering Information

Please specify the model/order number, name and quantity when ordering. The names listed in the chart below are Order Names. The actual name of the item may differ from the Order Name.

FiberConnect-X-XXX
 X = 1 = Single-mode 9/125 μ m
 X = 2 = Multimode 62.5/125 μ m

XXX=Connector and polish
 UFC = Ultra FC USC = Ultra SC UST = Ultra ST
 AFC = Angled FC ASC = Angled SC
 LC, D4, E2000 and DIN connectors also available.

Accessories

Replacement pigtails (3 per package)

Package Includes

- FiberConnect
- Manual
- Index matching oil
- Maintenance kit
- Cleaning brush
- Spare pigtail
- Magnetic stand
- Carrying case
- 90 Day limited warranty