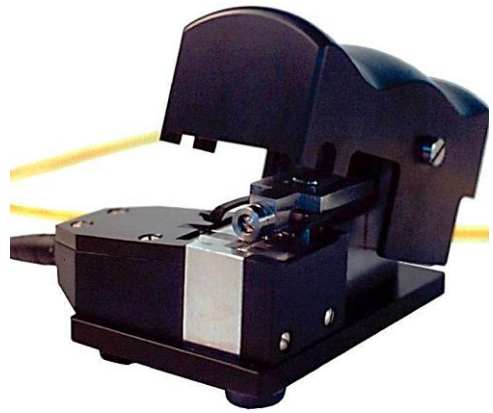


OPT130

Optical Clip-on Coupler

Optical Communications Test Applications

- 3-way conferencing with Optical Talk Sets
- Temporary test instrument connection
- In-line monitoring



Revision 2

The Optical Clip-On Coupler OPT130 provides non-damaging optical fiber bi-directional coupling between a single mode connectorized pigtail and colourless 250 micron coated single mode fibers.

Features

- Single mode Bi-Directional Coupler
- Coupling efficiency 13 to 22dB
- Dual Wavelength 1300 ~ 1550nm
- Non-Damaging Design
- Insertion Loss < 7dB
- Compact, rugged & light weight
- 1 year warranty

OPT130 – Optical Clip-on Coupler

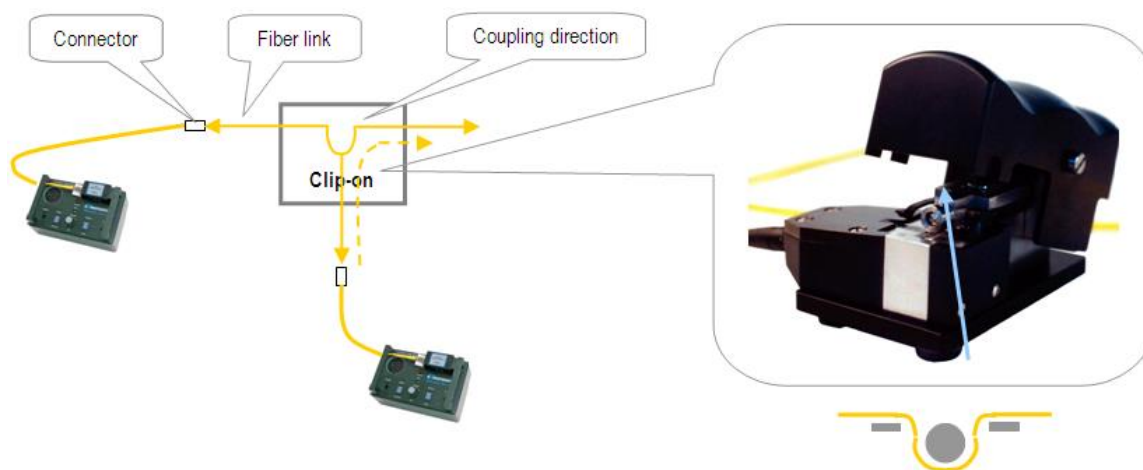
The Optical Clip-On Coupler OPT130 provides non-damaging optical fiber bi-directional coupling between a single mode connectorized pigtail and colorless 250 micron coated single mode fibers.

OPT130 offers the ability to couple fiber optic talk sets at any intermediate point along a fiber span where access to a terminated end is not available.

OPT130 can also be used for instrument connection at fiber ends, where a connector may be unavailable.

In addition, the OPT130 can be used for fiber identification and test maintenance. These procedures are performed by injecting test tones from equipment such as KI series Laser Light Source and KI series Optical Fiber Identifier.

The applications mentioned above can be accomplished with an insertion loss of less than 7dB at both 1300 and 1550nm; depending on acrylate coating thickness, fiber type, and alignment.



SPECIFICATIONS

Parameter	Value
Optical:	
Fiber type	Single mode, 250µm, clear-coated
Coupling Efficiency @1300nm	17 to 22dB
Coupling Efficiency @1550nm	13 to 17dB
Insertion Loss (1300 & 1550 nm)	< 7dB
Optical Interface	FC-PC (cable length 1m)
Back Reflection on tapped fiber	< -60dB
General:	
Dimensions	57 x 75 x 80 mm
Weight	< 350g
Operating Temperature	10 °C to +35°C with 85% humidity
Storage Temperature	0°C to +50°C with 95% humidity

ORDERING INFORMATION

Description	Part Number
Optical Clip-on coupler, SMF	OPT130

STANDARD ACCESSORIES

Description	Quantity
Plastic protective carry case	1
Operation manual	1

Technical data is subject to change without notice as part of our program of continuous improvements

AUTHORIZED DEALER