

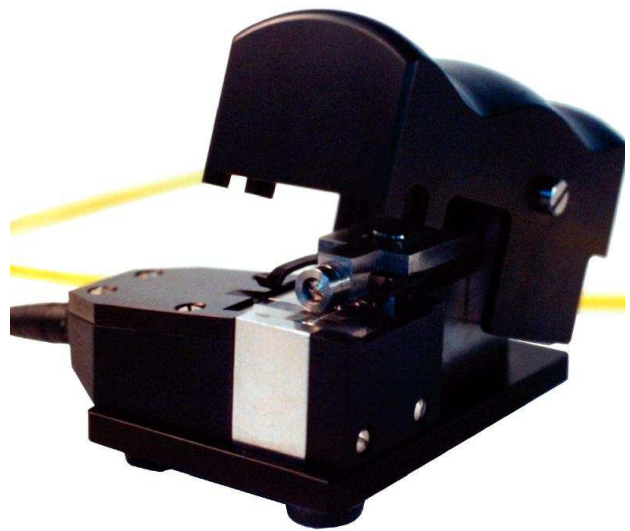
The Optical Clip-On Coupler OPT130 provides non-damaging optical fiber bi-directional coupling between a singlemode connectorized pigtail and colorless 250 micron coated singlemode fibers.

## OPTICAL COMMUNICATIONS TEST APPLICATIONS

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

## FEATURES

- ✓ Singlemode 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 rev1

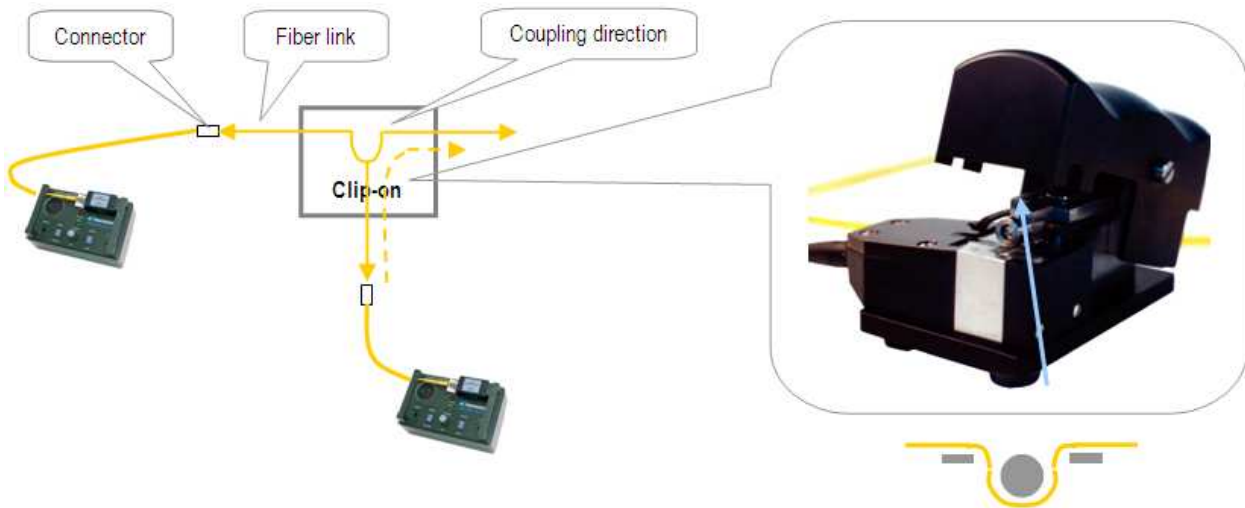
The Optical Clip-On Coupler OPT130 provides non-damaging optical fiber bi-directional coupling between a singlemode connectorized pigtail and colorless 250 micron coated singlemode fibers.

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.



Using the Clip-on Coupler with Optical Talk Set

The OPT130 Clip-on coupler can be very effectively used to implement temporary non-invasive connections to the bare fiber.

### GENERAL SPECIFICATIONS

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
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

Instruments	P/N
Optical Clip-on coupler, SMF	OPT130

### STANDARD ACCESSORIES

Item Description	Quantity
Plastic protective carry case	1
Operation manual	1

Australian and international patents. Technical data is subject to change without notice as part of our program of continuous improvements.

AUTHORIZED DEALER



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