

A fiber optic talk set is used during fiber cable installation, commissioning & repair, when other communications systems are inconvenient or not available. A pair of KI 021 Optical Talk Sets provide convenient full duplex voice communication over a single optical fiber.

## OPTICAL COMMUNICATIONS APPLICATIONS

- Temporary optical voice link / order wire set
- Cable installation and testing
- Transmission system set-up
- Restoration
- Fiber identification source

## FEATURES

- Field proven reliability
- Full duplex over one fiber
- Transmission & receiving LED indicator
- Long battery life with low battery LED indicator
- Clip-on probe available
- 2 year warranty



Rear labels:



# KI 021

## HANDHELD OPTICAL TALK SET rev6

The Kingfisher KI021 talk sets are used during installation and maintenance of fiber optic transmission systems, they provide superb performance and convenience, and are used during installation and maintenance of fiber optic transmission systems.

The talk sets are typically used where alternative communications may be impossible, unreliable, inconvenient or expensive. They typically save time and help make field operations more efficient and predictable.

The talk sets can be easily used by semi-skilled staff.

One model is suitable for all general singlemode and multimode applications.

Reliable field operation is guaranteed by a unique combination of features such as very simple to operate controls, rugged drop protected construction and reliable analogue transmission.

High quality voice transmission is maintained over the full optical range, with no operator intervention.

### SPECIFICATIONS

Fiber type	SMF
Wavelength	1310 / 1550 nm
Optical power level	> -5 dBm
Dynamic range	> 45 dB
Modulation mode	Pulse-duration
Battery life	Rechargeable, 120 hours
Talking time	40 hours
Unit size	173 x 85 x 36 mm (6.8 x 3.3 x 1.4")
Unit weight	0.4 kg (0.9 lb)
Shipping weight	3 kg, include standard instruments & accessories
Temperature	Operating: -10 to 50 °C / Storage: -25 to 55 °C
Power	Internal rechargeable batteries 3 x AA. 100 .. 240 V/50..60 Hz charger

### ORDERING INFORMATION

Description	P/N
Talk Set pair, SC/PC	KI 021

Please select other fixed connector interface of:  
1) FC, ST, DIN or LC  
2) PC or APC

### STANDARD INSTRUMENTS & ACCESSORIES

Description	Quantity
KI 021A (1310 nm) talk set, SC/PC	1
KI 021B (1550 nm) talk set, SC/PC	1
Headsets	2
Power supply units	2
Operation manual	2
Soft carry case, carry strap	2

### OPTIONAL ACCESSORIES

Description	P/N
Fiber clip-on coupler, 20 ~ 30 dB typ coupling loss <sup>1</sup>	OPT130

Note 1: The Clip-On coupling loss is 17 dB under ideal conditions, however 20 ~ 30 dB is often achieved under practical conditions.

Australian and international patents. Technical data is subject to change without notice as part of our program of continuous improvements. Class 1 Laser product, complies IEC60825-1 and 21CFR1040.10.

AUTHORIZED DEALER



Kingfisher International Pty Ltd  
30 Rocco Drive, Scoresby VIC 3179 Australia

**T** +61 3 9757 4100  
**F** +61 3 9757 4193  
**E** sales@kingfisher.com.au