

PU-2 TALK SET



The PU-2 Talk Set is designed for providing a full-duplex PU communication over a single optical fibre.

It can be used for construction, installation, testing and maintenance of optical fibre links when operators are at a remote location from each other and must operatively and communicate continuously.

The PU-2 Talk Set is manufactured in three modifications:

- for the 1310 nm;
- for the 1550 nm;
- for the 1310/1550 nm

The PU-2 is supplied in a set of two units.

The PU-2 Talk Set and accessories include:

- two talk sets;
- two headsets
- two power supply units;
- two leather cases;
- two soft bags for carrying and keeping of a talk set.

The use of surface mounting technology in the PU-2 makes it handheld, light-weight, economical and reliable.

The introduction of powerful single-mode semi-conductor laser sources, high-sensitivity receivers allows to extend the dynamic range of the talk set up to 50 dB. With 1550 nm of wavelength, the PU-2 offers long distance voice links up to 200 km.



Specifications

Fiber type	SM		
Wavelength, nm	1310	1550	1310/1550
Optical power level, dBm	>-5		
Dynamic range, dB	>48	>50	>45
Kind of modulation of optical radiation pulse	pulse-duration		
Call Function	light and sound indication		
Operation from the rechargeable batteries in the transmission, h	120		
Time from accumulators in a mode transfer / reception, h	40		
Dimensions, mm	173 x 85 x 36		
Weight, kg	0,4		
Power supply	rechargeable batteries 3 x AA / ~220V/50Hz adapter/charger		

The SC/ST/DIN/BC/MIC optical adapter can be mounted on request.

Combined with the input/output unit of the type “coupler-clip”, the PU-2 Talk Set can be connected to the transmission line on the fiber curve.