

OTS-55 SMART Optical Talk Set

A SMART, Future-Proof Optical Talk Set



Key features

- Market's first unit, that doesn't need a headset for hands-free operation
- ≥ 45 dB dynamic range
- Wavelength of operation: 1550 nm
- Clear digital voice transmission
- Hands-free operation
- 4-way powering
- Rugged casing

Applications

The new OTS-55 fulfills today's communication needs during fiber installations, maintenance or troubleshooting in a very cost effective way by using a single "dark" fiber.

The OTS-55 works also with the talk set function of the MTS/T-BERD-6000/8000 or OFI-2000.

Headset free

The OTS-55 provides clear digital voice transmission over a single fiber. Hands-free operation makes communication even more convenient for the technician by using either a headset (optional) or the "speakerphone" mode. No matter how you use it, the OTS-55 provides crystal clear communication any time.

Flexibility

The outstanding performance of this talk set ensures not only a communication between two OTS-55. Indeed, its flexibility allows operation together with the MTS/T-Berd 6000/8000 as well as the OFI-2000 tester (when equipped with talk set functionalities).





OCK-10 Optical Connector Cleaning Kit (accessory)



OVF-1 Visual Fault Locator (accessory)



Optical adapters (BN 2150) for laser source output



Worldwide compatible AC adapter (SNT-121A)



Dust cap for the optical interface

Shock-proof design

Display (128 x 64 dots)

Backlight for the display

Loudspeaker

Switch microphone ON/OFF

Up and down arrow keys to adjust the volume of the loudspeaker

Microphone

Volume
CONNECTION:OK
NOISE RED.:ON
SPEAKER :AUTO
MODE :SPEAKERPHONE

Specifications

Operating wavelength	1550 nm
Dynamic range	≥ 45 dB (single mode) Can also be used with multimode fibers (50/125/62.5/125 μm); ≥ 10 km
Optimum fiber type	Single mode 9/125 μm
Operation modes	headset or speaker phone
Compatibility	MTS/T-BERD-6000/8000; OFI-2000

General data

Display

Illuminated graphical display
Resolution of 128 × 64 dots
Backlight function switchable via separated key

Optical connector

Optical connector interchangeable adapter from 2150/00.xx range	
2.5 mm plugs	FC, ST, SC, DIN

Power supply

Four dry batteries Mignon/AA, 1.5 V or NiMH rechargeable cells	1.2 V
Mignon/AA	
Operating time from dry batteries (in headset mode)	>60 h
Batteries/NiCd/NiMH power saving	
AC line operation via separate AC adapter	
Integrated fast battery charging function	2 hours

Electromagnetic compatibility

Corresponds to IEC 61326 (CE conformance)

Ambient temperature

Nominal range of use	-10 °C to +55 °C
Storage and transport	-40 °C to +70 °C

Dimensions and weight

W × H × D approximately	95 × 60 × 195 mm (3.74 × 2.36 × 7.68 in)
Weight approximately	500 g (0.1 lb)

Ordering numbers

BN 2285/01	Single unit
BN 2285/10	Pair of two units

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