VIAVI
SmartClass OTS-55
Optical Talk Set

VIAVI Solutions

Applications

The VIAVI SmartClass OTS-55 (optical talk set) fulfills today's communication needs during fiber installations, maintenance or troubleshooting in a very cost effective way by using one single "dark" fiber.

Headset free

The SmartClass 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 or the "speakerphone" mode. No matter how you use it, the SmartClass OTS-55 provides crystal clear communication any time.

Flexibility

The outstanding performance of this talk set ensures not only a communication between two SmartClass OTS-55. Indeed, its flexibility allows operation together with VIAVI T-BERD/MTS Platforms (when equipped with talk set functionalities).
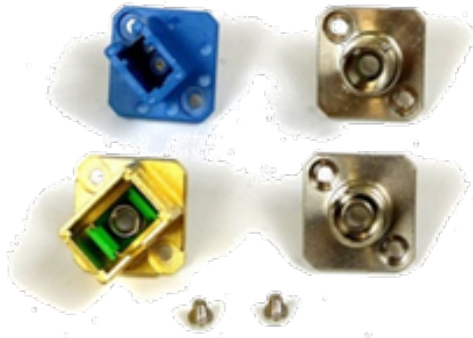
Features

- ≥ 45 dB dynamic range
- Wavelength of operation: 1550 nm
- Clear digital voice transmission
- Hands-free operation
- 4-way powering
- Rugged casing

Accessories

OCK-10 Optical Connector Cleaning Kit (accessory)

Optical adapters (BN 2155) for laser source output

Worldwide compatible AC adapter/charger (SNT-121A)

Dust cap for the optical interface

Shock-proof design

Display (128 x 64 dots)

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

Backlight for the display

Switch microphone ON/OFF

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

Microphone

RING

MUTE

MENU ENTER

Specifications

General Data	
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	T-BERD/MTS Platforms
Display	
Graphical display	
Resolution of 128 × 64 dots	
Backlight function switchable via separated key	
Optical connector	
Interchangeable adapter system (BN 2155/00.xx)	
SC-type mounted, additional FC-type provided free of charge.	
Optional ST-type and LC-type	
2.5 mm plugs	FC, ST, SC, DIN
1.25 mm plugs	LC
Power supply	
Four dry batteries Mignon/AA, 1.5 V or NiMH rechargeable cells Mignon/AA 1.2 V	
Operating time from dry batteries (in headset mode) >60 h	
Batteries/NiCd/NiMH power saving mode	
AC line operation via separate AC adapter/charger SNT-121A	
Integrated fast battery charging function	2 hours
Electromagnetic compatibility	
Corresponds to IEC 61326 (CE conformance)	
Ambient temperature	
Nominal range of use	– 10ºC to +55ºC
Storage and transport	– 40ºC to +70ºC
Dimensions and weight	
W × H × D approximately	95 × 60 × 195 mm
	(3.74 × 2.36 × 7.68 in)
Weight approximately	500 g (1.1 lb)

Ordering Information

Order information	
BN 2285/01	SmartClass OTS-55, single unit
BN 2285/10	SmartClass OTS-55, pair of two units

Included with the OTS-55
Interchangeable adapter from BN 2150/00.xx range, 4 dry batteries Mignon/AA, 1.5 V, operating manual, MT-1S belt bag

Accessories	
BN 2155/00.32	Optical adapter ST type
BN 2155/00.06	Optical adapter SC type (SC-PC)
BN 2155/00.05	Optical adapter FC type (FC-PC, FC-APC)
BN 2155/00.07	Optical adapter LC type (LC-PC, LC-APC)
BN 2229/90.21	OCK-10 Optical Connector Cleaning Kit
BN 2277/90.01	Worldwide compatible AC adapter (SNT-121A)
BN 2237/90.02	NiMh cells, Mignon/AA size (4 required)