

VCS-15A

- 50 dB dynamic range
- Over 70 hours of autonomy
- Maximum distance range of 200 km
- Telephone bridge and conference call features
- Light source capabilities
- Audible call function (buzzer)
- Auto power save



Optical Talk Set

Talk during fiber-optic cable installation and maintenance.

There is always plenty to talk about during fiber-optic cable installation and maintenance, and now the VCS-15A Optical Talk Set lets you do just that. It is designed to allow voice communication over fiber-optic cables. It can also be used as a light source to facilitate testing and fiber identification.

Talk about easy!

Making a connection with the VCS-15A Optical Talk Set is easy. A simple touch of the call button automatically establishes communication. The audible call function signals you the instant there's a link and also emits a signal if you happen to lose the communication link. The conference call feature allows you to easily establish multiparty communications.

The all-new telephone bridge capability will have everybody talking.

The VCS-15A's exclusive Telephone Bridge lets installation and maintenance crews connect to the technical expertise they need, wherever it may be found, whenever they need it. All they need to do is to establish a link between two talk sets, use a regular telephone to reach the needed resource, and then connect the telephone and talk set together using the telephone handset cable.

Get your crews talking.

The VCS-15A Optical Talk Set is a cost-effective tool that no installation and maintenance crew should ever be without... and now they don't have to be!

SPECIFICATIONS¹

Model	02BL	03BL	02BL-ER	03BL-ER
Emitter type	laser	laser	laser	laser
Wavelength (nm)	1310 ±30	1550 ±30	1310 ±30	1550 ±30
Dynamic range (dB)	40	40	50	50
Distance range ² (km)	114	160	143	200
Technology	Digital full-duplex			
Microphone	Electret type			
Multiparty communication	Telephone bridge and conference call			
Source				
Wavelength (nm)	1310 ±30	1550 ±30	1310 ±30	1550 ±30
Typical output power (CW) (dBm)	-3	-3	-3	-3
Typical output power (2 kHz) (dBm)	-6	-6	-6	-6
Stability (dB)	±0.1	±0.1	±0.1	±0.1
Power requirements				
Internal battery type	NiMH			
Internal battery life	18 hrs			
Recharge time	3 hrs, typ			
External power consumption	500 mA @ 12 V dc			
Replaceable battery type	4 AA alkaline cells			
Replaceable battery life	54 hrs			

GENERAL SPECIFICATIONS

Size (H x W x D)	19 x 10 x 4 cm	7½ x 4 x 1½ in.
Temperature operating	-10 to 60°C	14 to 140°F
storage	-30 to 60°C	-22 to 140°F
Relative humidity	95% RH, non-condensing	
Altitude maximum	5000 m	
Weight	450 g	1 lb

STANDARD ACCESSORIES

Instruction manual, AC adapter/charger, built-in rechargeable battery pack, 4AA alkaline cells, carrying case, protective holster, conference call cable, shoulder strap, headset, and Certificate of Compliance.

NOTES

- All specifications are for a temperature of 23°C/73°F.
- Given for Corning® SMF-28TM CPC6 singlemode optical fiber.

SAFETY

This product complies with 21 CFR 1040.10 and 1040.11, and with IEC 60825-1:1993+A1:1997.
CLASS 1 LASER PRODUCT



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ORDERING INFORMATION

VCS-15A-XXXX-XX

Source code

02BL = 1310 nm laser singlemode
03BL = 1550 nm laser singlemode
02BL-ER = extended range 1310 nm laser singlemode
03BL-ER = extended range 1550 nm laser singlemode

Connector code

EI = UPC Universal Interface

The fixed-base plate EI must be ordered with a removable universal connector adapter (EUI-XX). Please specify one EUI from the following list:

EUI-28 = DIN 47256
EUI-76 = HMS-10/AG
EUI-89 = FC
EUI-90 = ST
EUI-91 = SC
EUI-95 = E-2000

Example: VCS-15A-02BL-EI-EUI-89 for FC/UPC interface

EXFO is ISO 9001 certified and attests to the quality of its products. These products are accompanied by a 12-month warranty and an excellent after-sales support service.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this brochure is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics, and products at any time without obligation.

Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

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