Sea-Dog 426509-1

Sea-Dog 426509-1 USB Extension Cord Instruction Manual

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Sea-Dog 426509-1 USB Extension Cord. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The Sea-Dog 426509-1 is a 9-foot (2.74 meter) male-to-female USB extension cord designed to extend the reach of your USB connections. It supports 2.4A power delivery and is suitable for connecting various USB devices. A key feature is its IP67 waterproof rating, making it suitable for both indoor and outdoor applications, especially in marine or damp environments. It also includes a protective cap for the female USB port when not in use.

Image 1: The Sea-Dog 426509-1 USB Extension Cord, showing the male USB-A connector, the 9-foot cable, and the female USB-A port with its attached protective cap.

Key Features:

- **Length:** 9 feet (approximately 2.74 meters)
- **Connector Type:** USB Male to USB Female
- **Power Rating:** 2.4 Amps
- **Waterproof Rating:** IP67 (when cap is securely fastened)
- **Compliance:** RoHS compliant
- **Protection:** Integrated protective cap for the female port

SETUP AND INSTALLATION

This USB extension cord is designed for straightforward installation. Ensure all connections are secure to maintain optimal performance and waterproof integrity.

1. **Connect the Male End:** Insert the male USB-A connector of the extension cord into an available USB port on your computer, charging adapter, or other host device. Ensure it is fully seated.

2. **Connect Your Device:** Plug the USB cable of your peripheral device (e.g., printer, keyboard, mouse, camera) into the female USB-A port of the Sea-Dog extension cord.

3. **Secure the Protective Cap (when not in use):** If the female USB port is not in use, or if the environment requires protection from water and debris, securely fasten the attached protective cap over the female port. This ensures the IP67 waterproof rating is maintained.
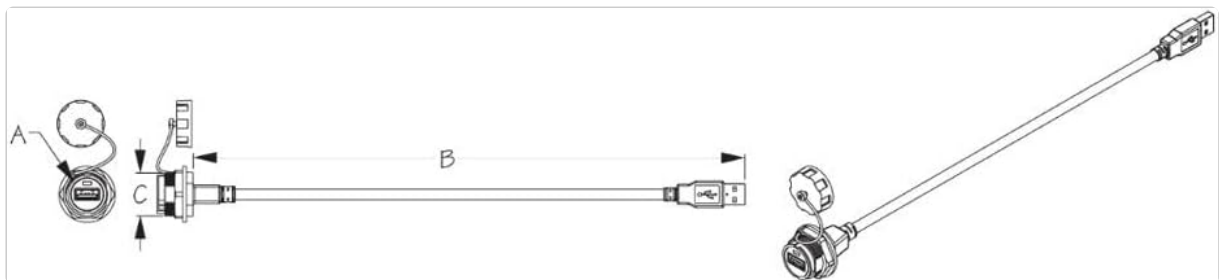

Image 2: Technical diagram illustrating the components and approximate dimensions of the Sea-Dog 426509-1 USB Extension Cord, including the protective cap (A), the female USB port housing (C), and the overall cable length (B).

OPERATION

Once connected, the Sea-Dog 426509-1 USB Extension Cord functions as a direct extension of your existing USB connection. It facilitates both data transfer and power delivery (up to 2.4A) for compatible devices.

- **Charging:** Use the extension cord to charge devices that draw up to 2.4A, provided the host USB port can supply this current.
- **Data Transfer:** Connect USB peripherals such as printers, keyboards, mice, or cameras to extend their reach to your computer.
- **Waterproof Use:** When used in wet environments, ensure the protective cap is securely fastened over the female port when no device is connected to maintain its IP67 waterproof rating.

MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your USB extension cord.

- **Cleaning:** Wipe the cable and connectors with a soft, dry cloth. For stubborn dirt, a slightly damp

cloth can be used, ensuring the connectors are completely dry before use.

- **Protective Cap:** Always secure the protective cap over the female USB port when it is not in use, especially in environments where water, dust, or debris are present. This is crucial for maintaining the IP67 waterproof rating.
- **Storage:** Store the cord in a clean, dry place, avoiding extreme temperatures or direct sunlight. Avoid sharp bends or kinks in the cable.
- **Inspection:** Periodically inspect the cable and connectors for any signs of damage, such as fraying, cuts, or corrosion. Discontinue use if damage is observed.

TROUBLESHOOTING

If you encounter issues with your Sea-Dog USB Extension Cord, consider the following troubleshooting steps:

- **Device Not Recognized / No Power:**
  - Ensure both the male and female connectors are fully and securely plugged in.
  - Try connecting the device directly to the host USB port (without the extension cord) to verify the device and host port are functioning correctly.
  - Test the extension cord with a different USB device or host port.
  - Verify that the host USB port provides sufficient power for the connected device.

- **Intermittent Connection:**
  - Check for any physical damage to the cable or connectors.
  - Ensure the connections are stable and not loose.

- **Water Leakage (if applicable):**
  - Ensure the protective cap is properly and tightly sealed over the female USB port when not in use.
  - Inspect the cap and the female port housing for any damage or cracks.

SPECIFICATIONS

Model Name	426509-1
Brand	Sea-Dog
Cable Type	USB
Connector Type	USB-A Male to USB-A Female
Cable Length	9 feet (approximately 2.74 meters)
Power Output	2.4 Amps
Waterproof Rating	IP67 (when cap is secured)
Compliance	RoHS
Compatible Devices	Personal Computer, Printer, Keyboards, Mice, Cameras, other USB peripherals
Color	Black

Item Weight	2.4 ounces (approximately 68 grams)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Sea-Dog 426509-1 USB Extension Cord, please contact Sea-Dog Marine Products directly. Refer to the product packaging or the official Sea-Dog website for current contact details and warranty terms.

Manufacturer: Sea-Dog