



SVS-700BRFiber Kit

SeaView Systems SVS-700BRFiber Kit is designed based on our field experience with numerous ROVs including Falcons, BlueRobotics, and our own custom ROV designs and provides everything needed to add support for high speed, fiber optic communications to your BlueROV2 or other observation class vehicle. This product is available for user installation or can be expertly installed by SeaView.



The dramatically enhanced bandwidth (up to GB speed) available by upgrading your BlueROV2 from copper tether to fiber optic tether enables support for 'unlimited' tether length and 3D multibeam sonars.

The SVS-700BRFiber Kit includes:

- GigaBLOX SFP with 1550Tx/1490Rx SFP
- M10 Singlemode fiber penetrator - ST connector on wet end, LC connector on dry end
- Optical Couplant Gel
- 2ea Lightweight aluminum carabiner
- 2ea Heavy Duty 18" Zip Ties
- Tether cable grip with double eye attachment point.
- USB-C to SFP Fiber Gigabit Ethernet Adapter with 1490Tx/1550Rx SFP
- ST and LC Fiber Optic Connector Cleaning Tools
- LC to ST connector coupler
- Cloth Friction Tape

- Mounting platform with M3 standoffs and screws

Specifications GigaBlox SFP

Input Voltage Range	5-60V
Power Consumption	1.1W (Idle), 4.5W (Max)
Ports	5 x 10/100/1000BASE-T ports + 1 x 1000BASE-X
Operating Temperature	-20 to +85°C
Maximum Frame Size	9126 Bytes (Jumbo Capable))
Storage Temperature	-45 to +125°C
Dimensions	52.5mm x 52.5mm x 21.5mm

SeaView Systems, Inc. designs, manufactures and operates remotely operated vehicles, electronics and other custom hardware/software tools, including oceanographic instruments, custom remotely operated vehicles and tooling systems, to meet oceanographic and underwater robotic applications.

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