RBR

MEASURE THE BLUE PLANET

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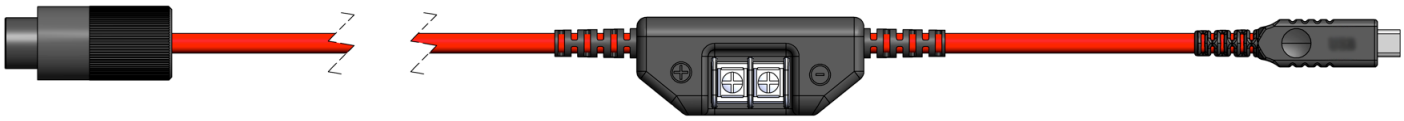
RBR CABLE GUIDE

- Patch cables: connect a computer to an instrument
- Underwater extension cables: male-to-female cables extend any patch cable and daisy-chain together
- Interconnect cables: female-to-female cables connect two underwater devices

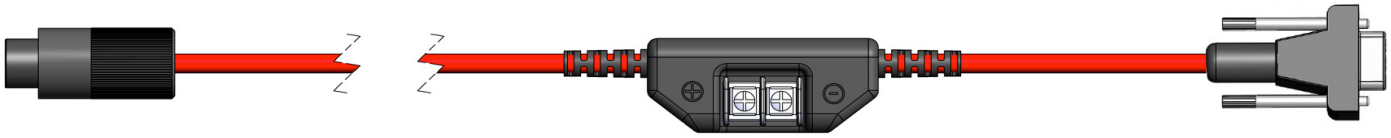
PATCH CABLES

Patch cable variants are 2m long and support USB, RS-232, and RS-485, along with additional power lines. Terminal blocks on the computer end are provided.

▶ 0011088	USB, MCIL-6-FS-FLS to USB-C	For instruments with USB output. Includes a power terminal block. May not be extended.
▶ 0009379	RS-232, MCIL-6-FS-FLS to USB-C	For instruments with RS-232 output (embedded converter). Includes a power terminal block.
▶ 0009378	RS-485FD, MCIL-6-FS-FLS to USB-C	For instruments with full-duplex RS-485 output (embedded converter). Includes a power terminal block.



▶ 0011822	RS-232, MCIL-6-FS-FLS to RS-232 DB9-F	For instruments with RS-232 output. Includes a power terminal block.
▶ 0011823	RS-485FD, MCIL-6-FS-FLS to RS-485FD DB9-F	For instruments with full-duplex RS-485 output. Includes a power terminal block.



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UNDERWATER EXTENSION CABLES

Extension cables have a female connector with a female locking sleeve, and a male connector with a male locking sleeve. Use them to increase the distance between the instrument and the computer. RS-232: up to 50m. RS-485: up to 400m.

- RS-232 / power, MCIL-6-FS-FLS to MCIL-6-MP-MLS — Extension cable with RS-232 and power wiring.
- RS-485FD / power, MCIL-6-FS-FLS to MCIL-6-MP-MLS — Extension cable with full-duplex RS-485 and power wiring.



UNDERWATER INTERCONNECT CABLES

Interconnect cables have two female locking sleeves. Use them for bulkhead connectors, e.g. when connecting the instrument to the RBR*fermata* underwater battery canister.

- MCIL-6-FS-FLS to MCIL-6-MP-FLS — Interconnect cable with female locking sleeves. Suitable for RS-232 / power or other applications. All six conductors are connected.



PART NUMBERS FOR UNDERWATER CABLES

RS-232 extension cables

Part No.	Length
0005075	3m
0004651	5m
0004652	10m
0005146	15m
0004653	20m
0005228	25m
0004654	30m
0005229	35m
0004655	40m
0005230	45m
0004656	50m

RS-485 extension cables

Part No.	Length
0005299	50m
0005300	75m
0005301	100m
0005302	150m
0005303	200m
0005304	250m
0004235	300m
0005305	400m

RS-232 / power interconnect cables

Part No.	Length
0000295	0.6m
0002611	2m
0002209	3m
0002265	5m
0002210	10m
0003163	15m
0003627	20m
0003164	30m

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