

Oceanus ROV System – Accessories

Tether Cable

Designed,
engineered &
manufactured
on-site. | MN

A00159 Oceanus ROV System Accessory -Tether Cable-December 2022-PR10

Tether Cable connects the ROV to the Topside Control Case and provides communications, video, and an auxiliary pair of independent conductors for accessory connection.

The Tether Cable consists of conductors, an aramid strength member, flotation material, and an outer jacket.

MarineNav ROV systems are rated to a maximum standard depth of 300 meters, but tether segments can be purchased at greater lengths. Single cable segments are available to a maximum length of 500 meters. If you are joining two tether cable segments together, the maximum length allowed is 450 meters. If you are joining three cable segments together, the maximum length allowed is 400 meters.

MarineNav typically delivers neutral performance buoyant tether segments in the following lengths:

40 m (164 ft), 75 m (246 ft), 100 m (328ft),
150 m (492 ft), 305 m (1000 ft).

Custom lengths are available upon request.

Rules For Multiple Tether Cable Segment Connections:

- *If using Negative tether in combination with Neutral tether, the neutral must be the segment connected directly to the submersible.*
- *Always connect the metal strain relief clips at all connection points to avoid separation and loss of the ROV.*

While we strive to ensure the accuracy of all items and descriptions in this document, this is not always possible. Specifications, options, and availability subject to change with out notice. Errors and omissions excepted.

We reserve the right to limit quantities.



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