



RSL Carbon Fibre Deployment Poles



The Rovtech Solutions Carbon Fibre Deployment Poles have been developed as a light-weight, flexible system that can be used to perform long reach operations. The poles are available in 1m, 1.5m, 2m and 3m options.

Each section of the Deployment Pole is hermaphroditic with a female and male

POWERED OPTION

16-pin submersible connector, keyed for ease of mating and precision machined for a perfect fit, with a substantial purpose turned locking system for rigidity.

The 16-pin submersible connector allows for a wide range of powered remote tooling to be attached including Cameras, Lights, Grip Sticks, Water Samplers, etc. End effectors can be supplied by RSL or specific third party tooling can be integrated

A range of passive end effectors for remote operations are available off the

PASSIVE OPTION

shelf or can be custom designed to client specifications. Whether you need a hook, a grapple, a standard socket or even just a pointy stick, we can deliver.

Vertical lifting: 500kg (Tested to 1tn)

TEST FIGURES

Angle from Vertical:	90°	60	45	30
Pole Length	Max Load (Kg)			
@1m	156	180	220	311
@2m	78	90	110	156
@3m	52	60	73	104
@5m	31	36	44	62
@10m	16	18	22	31
@15m	10	12	15	21

Tooling Options

- Elbow: 45° and 90°
- Cluster Light
- Single RSL Ultra LED Camera
- x2 x3 x4 Jaw Gripper
- Electro Magnet
- Radiation Detector

Specification

- Voltage Rating: 300vAC rms
- DC Rating: 85% of above AC rating
- Current Rating: 5A per contact
- Insulation Resistance: >200MΩ
- Temp Rating (Water): -4 to 60°C
- Temp Rating (Air): -40 to 60°C
- Depth Rating: 700bar, 10,000psi