



# USB TROLL Com Cable Connect & Direct Connect

Use the USB TROLL Communication Device to link your Level TROLL 400/500/700, or Aqua TROLL 100/200/400 to your laptop or PC. The USB-C TROLL Com can supply power to instruments when connected to compatible PCs and laptops.

**Direct-Connect TROLL Coms:** Uphole end connects to a USB-C port. Downhole end has a female connector that connects directly to the data logger. Use Direct-Connect TROLL Coms to download data only.

**Cable-Connect TROLL Coms:** Uphole end connects to a USB-C port. Downhole end has a male connector that links to the twist-lock connector on the data logger cable. Compatible with all twistlock connector instruments.

SPECIFICATION	CABLE CONNECT	DIRECT CONNECT
MATERIALS	Titanium, nylon, Viton®, polyurethane	Delrin®, nylon, Viton®, polyurethane
ENVIRONMENTAL RATING	IP67 (3 meters for 30 minutes), up to the computer connector	Not designed for submersion
DIMENSIONS	3.2 cm (1.25 in) O.D. 15.2 cm (6 in) long, including strain relief	3.2 cm (1.25 in) O.D. 16.3 cm (6.4 in) long, including strain relief
INPUT	RS485 Modbus	RS485 Modbus
OUTPUT	USB Type C, up to 16 VDC supplied to connected instrument	USB Type C, up to 16 VDC supplied to connected instrument
DC POWER JACK	2.5 mm	2.5 mm
COMPATIBLE DC POWER PLUG	5.5 mm O.D., 2.1 mm I.D., center positive	5.5 mm O.D., 2.1 mm I.D., center positive
EXTERNAL POWER INPUT	8 to 36 VDC	8 to 36 VDC
CABLE	Black polyurethane, 91 cm (3 ft) long	Black polyurethane, 91 cm (3 ft) long
OPERATING TEMPERATURE	-20°C to 50°C (-4°F to 122°F)	-20°C to 50°C (-4°F to 122°F)
STORAGE TEMPERATURE	-20°C to 80°C (-4°F to 176°F)	-20°C to 80°C (-4°F to 176°F)
WARRANTY	1 year	1 year
PART NUMBER	1024340	1024350