

HDC & MDC communication cables

Description

The HDC and MDC optical PUR readout cable connects a Diver water level logger to a modem. The cables are suitable for TD, Cera, Micro and CTD Divers.

Expansion of Cable Assortment: The New HDC Cables

The cable assortment has been expanded with the HDC cables, specially developed for extra robustness. These cables are heavier, stronger, and ideal for demanding conditions. It is recommended to choose an HDC cable in situations with cable runs longer than 50 meters and in challenging conditions such as warm groundwater. With a 2-year warranty, the HDC cables also offer extra assurance compared to the 1-year warranty on MDC cables.

The HDC cable is equipped with extra thick PUR covering material (diameter 3.8 mm) and a stainless steel connector for additional protection against external mechanical hazards. Even at great depths, the cable is protected against stretching, thanks to an internal Kevlar® thread, and moisture intrusion is prevented by additional mechanical barriers in the connector. The cable is suitable for wells from 1 inch in diameter.

Further improvements



The HDC cable has been further improved to reduce the likeliness of water intruding into the cable. This has been done in a number of ways:

- Addition of a mounting cap for the M12 connector to avoid that it is left unprotected;
- Material changes in the Diver connector;
- Improved design for the Diver connector;
- Kevlar string to prevent cable stretching.

The new cables have been thoroughly tested and analysed, amongst others in a durability stress test @ 10 bar water pressure and 50 °C for 3 months.

Product overview

Compare the two different cables below.

Specification	HDC	MDC
Photo		
Product Name	HDC, heavy duty, Optical 1-eye PUR cable	MDC, Optical 1-eye PUR cable
Compatible Devices	TD/Cera/Micro/CTD Divers	TD/Cera/Micro/CTD Divers
Available Lengths	1, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 75, 80, 85, 90, 95, 100, 120, 125, 150, 170, 200, 250, 300 meters; Other lengths on request	1, 10, 15, 20, 25, 30, 35, 40, 45, 50 meters
Cable Adjuster	3.8 mm	Integrated
Suitable for	Level tubes from 1 inch	Level tubes from 1 inch
Connector on Diver Side	IP-68 (prolonged submersion at 10 bar)	IP-68 (prolonged submersion at 10 bar)
Contra Plug (Straight M12 Connection)	IP-67 (temporary submersion 30 min. @1 m H2O) when correctly mounted	IP-67 (temporary submersion 30 min. @1 m H2O) when correctly mounted
Guarantee	2 years	1 year