

Advanced Cable Termination (ACT)

Advanced Cable Termination

- Provides a reliable subsea termination of electrical umbilical cables, and is designed for low voltage subsea power distribution, using wetmate connectors.
- Oil filled, pressure compensated and temperature compensated, double barrier system.
- Tested at 450 bar and designed for 25 years lifetime.
- Designed for use with wetmate connectors up to 3kV range.
- Can accommodate electrical conductors up to 16mm² in size and is suitable for a variety of different low voltage and communication standards.
- Modular system to allow for various project requirements with regards to number of cable inputs and hose/connector outputs.
- Metallic parts exposed to seawater are made from Titanium grade 2 to provide corrosion resistance without the need for cathodic protection.

The ACT has many decades of track record in the Oil & Gas market, and other subsea applications and is TRL7 per API standard and features include:

- Double barrier against water intrusion
- Pressure and temperature compensated
- 3,000 meter water depth design
- Modular design allowing for multiple cable entries and hose exists.
- Temperature ratings: Storage: -40°C to 70°C (70°C short term) Installed subsea: -5°C to 40°C



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