Advanced Fibre Termination (AFT)

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The Advanced Fibre Termination (AFT) is the Siemens Energy solution for termination of subsea fiber optic umbilical cables, in subsea installations using wetmate fiber optic connectors. The AFT is oil filled and pressure compensated down to 4,000 meters of water depth, and compliments Siemens Energy's DigiTRONf, fiber optic wetmate connector range. The AFT is well suited for the Oil and Gas, Renewable Energy, Scientific and other applications where subsea fiber optic distributions are required.

Qualification of the termination is according to specification: API-17F

- **Max fiber optic lines to be terminated: 48 pcs**
- **Max jumper exits from AFT without extra splitbox: 4 pcs**
- **Maximum working depth: 4,000 m**
- **Design lifetime 50 years**
- **Test pressure: Up to 450 barg**
- **Tested with wavelength: 1550nm and 1625nm**
- **Storage temperature: -40°c to +70°c**
- **Working temperature (seawater): -4°c to +50°c**
- **Fibre type: Single mode**



Our impressive track record and 40+ years experience in design, production, assembly and installation of umbilical terminations for subsea electrical and fiber optic distribution solutions, makes us the market leader in subsea wetmate connectors.

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