

Qteq's Fibre Optic End Termination is used to terminate the end of the downhole TEF. Its purpose is to ensure that pressurised wellbore fluids cannot migrate up the inside of the TEF armour, which would compromise both the sensing and transmission performance capabilities of the fibre.

The terminator has been designed for use in harsh environments. Pressure-testable cable heads are incorporated at each end of the splice, with metal-to-metal seals and fully redundant elastomer O-ring seals incorporated throughout. Its versatile design also enables the parts to be assembled differently to create Fibre Optic Splices.



Features and Benefits

- High temperature and pressure rating.
- Makes use of Design For Assembly (DFA) best practices to simplify well site assembly by one engineer.
- Incorporates pressure-testable cable heads at each end to ensure optical integrity will be maintained during well life.
- All Items are sourced and assembled by reputable ISO9001 certified suppliers with a proven track record of supplying components for such environments.

Specifications

Outside Diameter	25.4 mm
Length	566.0 mm
Metallurgy	316SS, 17-4 PH (630SS)
Cable Armour Size	1/4"
Pressure Rating	10,000 psi
Collapse Pressure	15,000 psi
Pressure Testable	Yes
Temperature Rating	204 °C
Seals	AFLAS, PTFE, VITON
Optical Fibre	Up to 4x Single Mode or Multi Mode
Fibre Type	Carbon Polyimide
Protection	External Cross Coupling Clamp or Heavy Duty Protector required