

# DTS System Accessories

## Distributed temperature sensing system accessories

TAQA's DTS system accessories help to provide the most advanced and reliable solution for monitoring temperature along an entire wellboreg.

TAQA's DTS system accessories for permanent downhole installations are designed to provide a completely pressure rated DTS system and enhance well and reservoir understanding.

### Minibend Assembly

TAQA provides a 15kpsi @ 175°C rated splice housing for the bottom of the DTS cable which allows for double ended DTS measurement. The fitting is pressure testable which confirms integrity before proceeding further with the installation. A custom-made clamp is used to secure the mini-bend to the tubing or casing.

### Minisaddle

TAQA provides a 10kpsi @ 175°C rated splice housing for connection above a feed-through packer. All of the fittings are pressure testable which confirms integrity before proceeding further with the installation. A custom-made clamp is used to secure the mini-saddle to the tubing or casing.

### Wellhead Outlet (WHO)

TAQA provides up to 15kpsi wellhead outlet to act as a pressure barrier between downhole and surface. The WHO also provides the housing for the splice between the downhole cable and the surface cable.

### Features

- Pressure testable housings for all downhole splices
- Allows DTS to be utilised with a packer completion
- Double ended DTS measurements

### Benefits

- Full pressure integrity of each downhole connection of up to 15kpsi for Minibend assembly and 10kpsi for Minisaddle
- The Minisaddle can house multiple fibre splices
- Clamps can be used for round, square and flatpack cable encapsulation



Minibend Assembly



Minisaddle



Wellhead Outlet