

# Transmission Line Earthing

## Operating Poles

P&B Weir Electrical is a UK owned and based company providing leading technology electrical system solutions to Industrial and Utility customers worldwide.

The Transmission Line range of portable earthing is suitable for temporary earthing of conductors within the range 132kV, 275kV and 400kV.

The operating poles are manufactured from a strong glass fibre material in accordance with C.E.G.B. specification 43921.

The two part telescopic pole has an extended length of 4.83m (15' 10") and a closed length of 2.55m (8' 4"). Intermediate spring loaded locking pegs provide partially extended lengths of 4m (13' 1") and 4.4m (14' 5").

The pole requires an OL1 operating socket for the application of our line end clamps with long taper style operating screws.

The lower end of the pole has an open weave hand grip bonded to it. A carrying sling can be provided or, alternatively, an end plug with swivelling wrist strap can be supplied which (upon removal) provides location for a 1.83m (6') extension pole.

The TL1 telescopic pole shown comprises three close fitting tubes resulting in a fully extended overall length of 7.2m (23' 7") and a closed length of 2.55m (8' 4").

The Intermediate spring loaded locking pegs permit intermediate lengths of 5.5m (18') and 6.2m (20' 4"). The lower pole section has an open weave bonded hand grip.

A 0.6m (2') bridging earth pole is available with a rain shield/shed fitted above the open weave bonded hand grip and a swivelling eye fitting at the bottom of the pole. The pole employs an operating socket for application of our Line End clamps with Long Taper type operating screws.

**Telescopic Pole  
(extended)**

**Telescopic Pole  
(retracted)**

### Product Benefits

- Open weave hand grips
- Rain shields available
- 'snap action' button joints
- Lightweight rigid sections

### P&B Weir Electrical Products

P&B Weir Electrical design and manufacture a range of products, including the following:

- Portable Earthing Equipment for EHV sub station and overhead line applications
- Gas and oil operated 'Buchholz' transformer protection relays
- Electrical Instruments and Test Equipment

### Quality Assurance

P&B Weir Electrical maintains a high quality system in accordance with ISO 9001:2008 which is fully inspected and certified by AFNOR Ltd.

