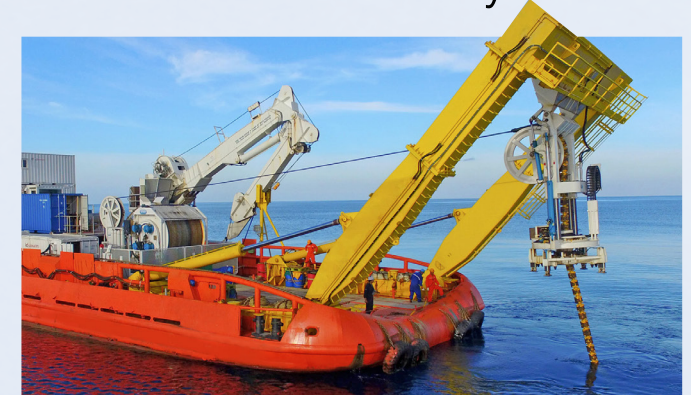


# Advanced Power Feed Solutions for the Telecom Industry



## Land-based, Shipborne and Portable Power Feed Equipment for Undersea Cable Systems



Cable deployments worldwide depend on Spellman's highly reliable PFE systems. Systems are available that provide a full spectrum of continuous power for both short and long cable run needs.

Spellman High Voltage is the leading independent supplier of Power Feed Equipment to the Telecom industry. Our power feed equipment (PFE) is used to power submarine fiber optic cable repeaters for telecommunications shore stations during cable laying and repair operations.

**LAND:** 5kV up to 18kV systems are deployed around the globe and depend on Spellman's high reliability, redundancy and robust PFE systems for maximum uptime.

**SEA:** 6kV up to 20kV systems are installed on many of the major cable laying ships around the world, becoming the preferred choice of cable shipbuilders and owners.

**PORTABLE:** 4kV and 6kV versions provides the consistent, reliable, and safe high voltage power in a compact footprint. The PFE-P uses the same advanced digital management system as Spellman's Shipborne PFE.

**Look no further than  
Spellman High Voltage for the  
most versatile, reliable and widely  
used Power Feed Equipment in  
the Telecom Industry**

## PFE-HV & PFE-LV

### Land-Based Power Feed Equipment

- 5kV to 15kV @ 1.5A and 18kV @ 1.25A systems
- Built-in data logging and electroding functions
- Redundancy provided for the LCU and Converters
- “Trap Door” barrier allows safe replacement of any converter while PFE is powering the cable
- Simple keylock system ensures safety of operating personnel

## PFE-SB

### Shipborne Power Feed Equipment

- 6kV to 20kV @ 2A systems
- Push-button polarity reversal
- Clamp/Safety chassis protects the repeaters, cable and PFE
- Touch screen controller provides local or remote output control, ramping and monitoring
- Built in electroding, alarms, trips and data logging

## PFE-P

### Portable Power Feed Equipment

- 4kV @ 1.5A and 6kV @ 1A systems
- Can be used as an emergency or auxiliary PFE
- Push-button polarity reversal
- Clamp/Safety chassis protects the repeaters, cable and PFE
- Up and Down Ramp Rates for Voltage and Current

