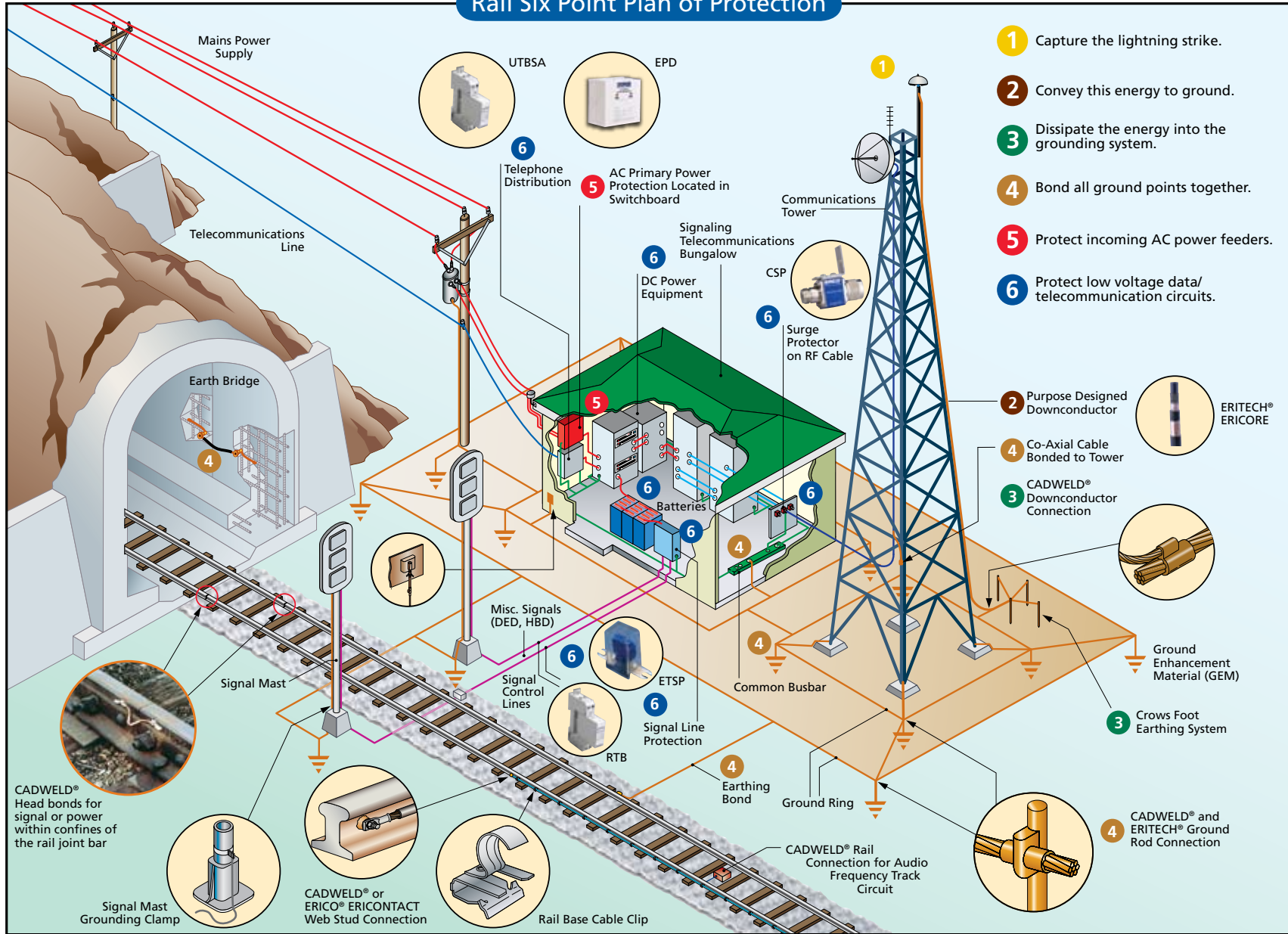


Railway Electrical Protection

Rail Six Point Plan of Protection



- 1 Capture the lightning strike.
- 2 Convey this energy to ground.
- 3 Dissipate the energy into the grounding system.
- 4 Bond all ground points together.
- 5 Protect incoming AC power feeders.
- 6 Protect low voltage data/telecommunication circuits.

- 2 Purpose Designed Downconductor
- 4 Co-Axial Cable Bonded to Tower
- 3 CADWELD® Downconductor Connection
- Ground Enhancement Material (GEM)
- 3 Crows Foot Earthing System
- 4 CADWELD® and ERITECH® Ground Rod Connection

CADWELD® Head bonds for signal or power within confines of the rail joint bar