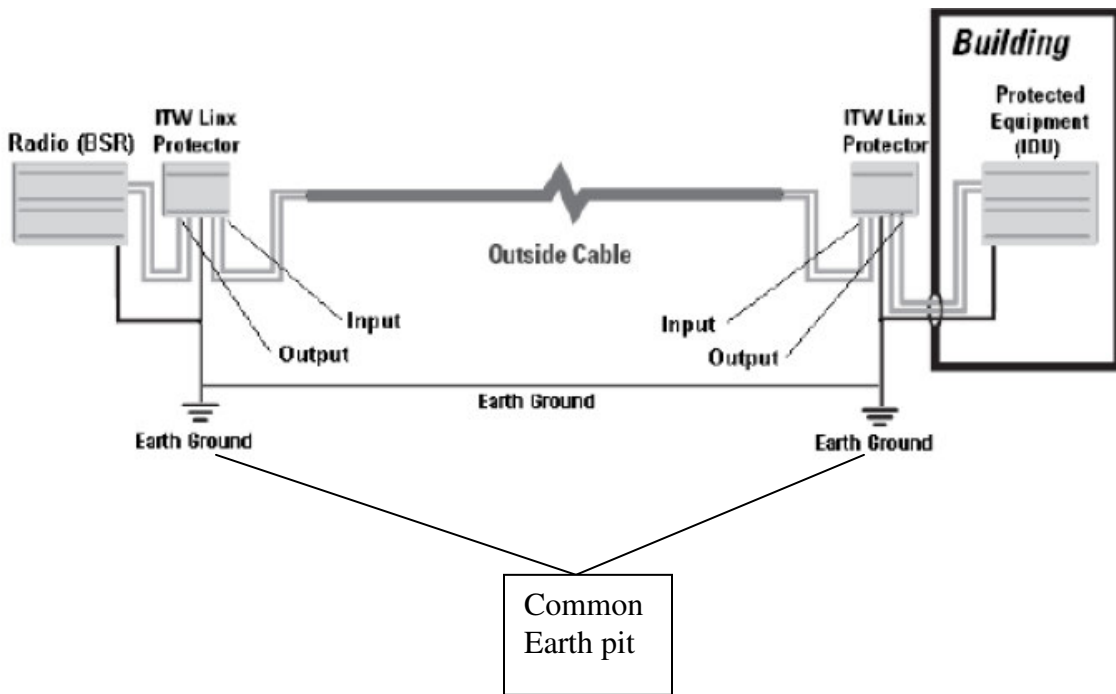


Simplified diagram



Grounding Summary

1. Most protectors come with a 10 foot long ground wire. Cut the extra ground wire length when finished connecting it to a good single point earth ground.
2. Never loop or coil up the ground wire.
3. A good earth ground impedance is less than 0,5 ohm.
4. Measure ground impedance at the point where the protector ground wire is connected and not at the ground rod.
5. Avoid sharp bends. Connect the ground wire as straight as possible.
6. Connect the protector ground wire and equipment ground to a single common ground.
7. Make sure all connections are fastened securely and are tight.
8. Never install protectors during a storm and always follow your local safety codes.