



## RADIO FREQUENCY (RF)

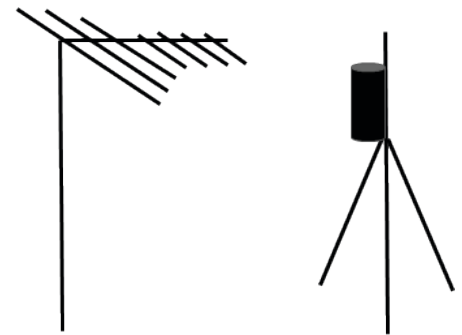
is a type of non-ionizing radiation made from electromagnetic energy (not radioactivity). Other forms of non-ionizing radiation include infrared light, visible light, and microwaves. RF energy can be found in the antenna systems located on the roofs and sides of buildings on and off campus. Large scale broadcast antennas have enough RF energy to potentially cause burns to individuals within 10-15 ft. Antennas on campus **are not** powerful enough to cause burns, but do require awareness of antenna safety practices.

## WHAT TO DO!

- Pay attention to RF caution signs and yellow chains!
- Remember some antennas are hidden on the sides of buildings. Know and remain outside the RF exposure area at all times!
- Before starting work, use the Antenna Safety Map to determine if your task is within the RF exposure area.
- If you will have to go within the exposure area, contact Ericsson for shutdown, 1-855-372-9907. The phone number and site ID will be on the map or the on-site signs. Unless emergency work is needed, please allow for 24 hours notice to coordinate the shut down.
- Check out the RF meter from EHS to verify shutdown. Return at the end of your shift.
- Call Ericsson to have the antenna turned back on once work is complete.
- In the event of an emergency call **911** then **UOPD** (541-346-2919), for immediate assistance!
- Always use fall protection when required!



Pay attention to caution signs and chains! Stay out of the exposure area!



Left: standard antenna Right: DAS antenna



If unsure, contact your supervisor!

