Voltage Drop Practice

1. 100’ run @ 30A
    a. Convert to meters

    b. Plug into volt drop formula and use default values
        i. Required distance (m) / DCF x Max Drop (%) x Voltage (x/120) x Phases

    c. Check Table D3 @ 30A to confirm

    d. Check you work
        i. Check TD3 for your wire size
        ii. Reduce to meters per amp
        iii. Multiply by current on your run
        iv. Calculate the distance correction factor
        v. Complete the formula

2. 300’ run @ 350V

3. 150’ run @ 120V

4. 80’ run @ 100V