

Sizing Tri-plex

Mike's Question:

“What size of tri-plex from a may pole service to a different building with a 200 amp. panel.”

Working Electrician:

The ampacity of the triplex depends on the insulation. You did not say the insulation type so I will just direct you to Table 310-20 in your codebook. If we use column 1 Types RHW, THHW, THW, THWN, SHHW and ZW 2/0 copper is large enough. If Aluminum is used, it must be 4/0. Check to see what your insulation is, and use the appropriate table.