

Laboratory 2 – 2016

A two-wire communications system

Use the amplifier that you built in Lab 1. In a group of four (4) students, and using four LM386 audio amplifiers, demonstrate in the laboratory a two-wire communications system over a twisted pair cable as shown in Figure 1.

Task: Show one of the post-graduate laboratory demonstrators that your two-wire system works and that you understand all the terms used.

Note: It is **your** responsibility to make sure that the demonstrator signs off on the class list that you have completed each task. Every laboratory task is an SP (Satisfactory Performance) requirement for this course.

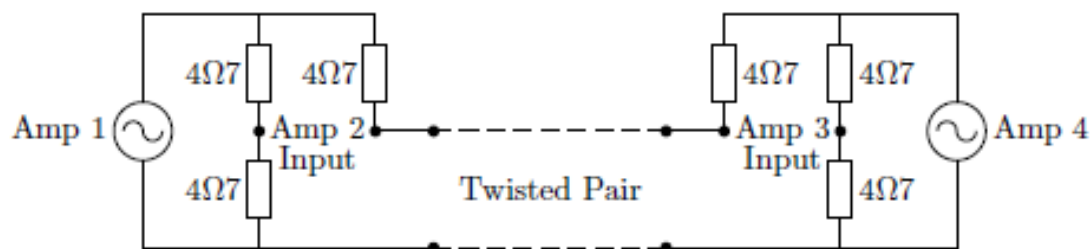


Figure 1: Two-wire communications system