



### Lab 3.1.9f UTP Cable Purchase

#### Objective

- Introduce the variety and prices of network cabling and components in the market.
- Gather pricing information for UTP patch cables and bulk cable.

#### Background

Put together a price list for an upcoming cabling project. Gather pricing information for the horizontal (UTP) cabling. If UTP is not used in the immediate area, substitute shielded products. The items include the following:

- 24 – 1 m (3 ft) Cat 5 or higher UTP patch cables
- 24 – 3 m (10 ft) Cat 5 or higher UTP patch cables
- 2 – 15 m (50 ft) Cat 5 or higher UTP patch cables
- 152.4 m (500 ft) UTP compare the price to shielded twisted pair
- 152.4 m (500 ft) UTP plenum

#### Step 1 Research cable pricing

Use at least three sources for pricing. On the Web try [www.cdw.com](http://www.cdw.com) and [www.google.com](http://www.google.com). Perform searches from those sites looking for **cat 5 jumpers**, **cat 5 patch**, and **cat 5 bulk**. While the CDW site will give prices quickly, the Google search will turn up many interesting things from custom cable building firms to instructions for building cables. Also refer to networking equipment and supplies catalogs.

#### Step 2 Compile a table of the results

| Site, Catalog or Store                 |  |  |  |
|----------------------------------------|--|--|--|
| 24 - 1 m (3 ft) Cat 5 or higher        |  |  |  |
| 24 - 3 m (10 ft) Cat 5 or higher       |  |  |  |
| 2 - 15 m (50 ft) Cat 5 or higher       |  |  |  |
| 152.4 m (500 ft) UTP                   |  |  |  |
| 152.4 m (500 ft) shielded twisted pair |  |  |  |
| 152.4 m (500 ft) UTP plenum            |  |  |  |