



Lab 3.2.8 Fiber-Optic Cable Purchase – Instructor Version

Objective

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

Background

Put together a price list for an upcoming cabling project. Gather pricing information for the vertical or fiber cabling. Use Multimode (MM) fiber. The items include:

- 24 – 2 m (6 ft) MM patch cables
- 24 – 5 m (15 ft) MM patch cables
- 2 – 15 m (50 ft) MM patch cables
- 304.8 m (1000 ft) MM fiber optic cable

Step 1 Research Cable Pricing

Use at least three sources for pricing. On the Web, try <http://www.cdw.com> and <http://www.google.com>. Perform searches from those sites looking for fiber **optic jumpers**, **fiber optic patch**, and **fiber optic 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 - 2 m (6 ft) MM patch cables			
24 - 5 m (15 ft) MM patch cables			
2 - 15 m (50 ft) MM patch cables			
304.8 m (1000 ft) MM fiber optic cable			

Answers will vary.