

SECTION 270553 - IDENTIFICATION FOR COMMUNICATIONS SYSTEMS

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

- A. Applicable requirements of Division 27 - Communications shall be considered a part of this section and shall have the same force as if printed here in full.
- B. This document describes the equipment and execution requirements relating to Identification for Communications Systems.
- C. Equipment specifications, general considerations, and guidelines are provided in this document. The successful vendor shall meet or exceed all requirements described in this document and on the drawings.

1.2 WORK INCLUDED

- A. The work included under this Specification consists of furnishing all labor, equipment, materials, and supplies and performing all operations necessary to complete installation. The Contractor will provide and install all of the required materials whether specifically addressed in the Specification or not.

PART 2 - LABELING

2.1 LABELING REQUIREMENTS

- A. Labeling shall be done in accordance with the recommendations made in the ANSI/TIA-606-A document, manufacturer's recommendations and best industry practices.
- B. All racks shall be labeled in accordance with ANSI/TIA/EIA 606A in the following manner. Floor, building wing (if applicable), patch panel number, patch panel port number. Example 11B-3-24 whereas this is the 11th floor B wing patch panel 3 port number 24.
- C. All spaces, pathways, outlets, cables, termination hardware, grounding system, and equipment shall be labeled with machine-generated labels.
- D. All labels shall be white with black text.
- E. All cables shall be labeled with machine-generated, wrap around labels.
- F. A total of three (3) labels per horizontal cable are required at the following locations: 6" from the outlet, 18" from the outlet, and 12" from the termination block/patch panel.
- G. Labeling scheme shall be alphanumeric.
- H. Each cable must be labeled with the wall box number at both ends of the cable (equipment room end and "office" end). At wall box locations, cable number labels must be affixed to the cable no more than eight inches away from the wall. In the communications equipment room, cable labels must be affixed at one foot from the

cable end. All labels must be firmly attached to each cable. All labels are to be printed.

- I. To ensure clarity/legibility on all faceplates and on all of the CommScope Uniprise Patch Panels all labels must be made with a label-making machine (i.e. like the Brother "P-Touch III TM Electronic Labeling System"). The number (on the frame label) must be in black letters using a white background.

END OF SECTION