

SECTION 271619 - COMMUNICATIONS PATCH CORDS

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 herein full.
- B. This document describes the products and execution requirements relating to Communications Patch Cords.
- C. Product specifications, general design considerations, and installation 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 SUBMITTALS

- A. Provide product data from manufacturer's specifications.

1.3 WORK INCLUDED

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

PART 2 - PRODUCTS

2.1 APPROVED PRODUCTS

- A. Approved Cat. 6 Copper Patch Cord Manufacturer(s)
 - 1. CommScope / Uniprise
- B. Approved Cat. 6A Copper Patch Cord Manufacturer(s)
 - 1. CommScope / Uniprise
- C. Approved Fiber Patch Cord Manufacturer(s)
 - 1. CommScope

2.2 COPPER PATCH CORDS

- A. Category 6 Patch Cords
 - 1. The Category 6 patch cord shall be 4-pair, with 24 AWG stranded copper conductors and 8-position modular plug.
 - 2. The Category 6 modular cord cable shall be UL Listed as Type CMR.
 - 3. The Category 6 Patch Cords shall be Slim (small OD) style.

4. The Category 6 patch cord shall exceed the requirements of ANSI/TIA-568-C.2.
5. Two patch cord shall be provided for each outlet:
 - a. One (1) – 10' patch cord at station end
 - b. One (1) – 7' patch cord at the panel end
6. All Patch Cables shall be component-rated.
7. The Category 6 patch cord color shall be BLUE

2.3 COPPER PATCH CORDS

A. Category 6A Patch Cords

1. The Category 6A patch cord shall be 4-pair, with 24 AWG stranded copper conductors and 8-position modular plug.
2. The Category 6A modular cord cable shall be UL Listed as Type CMR.
3. The Category 6A patch cord shall exceed the requirements of ANSI/TIA-568-C.2.
4. The Category 6A Patch Cords shall be Slim (small OD) style.
5. Two patch cord shall be provided for each outlet:
 - a. One (1) – 10' patch cord at station end
 - b. One (1) – 7' patch cord at the panel end
6. All Patch Cables shall be component-rated.
7. The Category 6A patch cord color shall be GREEN

PART 3 - EXECUTION

3.1 COPPER PATCH CORDS

- A. Copper patch cords shall be installed as per the requirements specified by the manufacturer's installation guidelines.

3.2 FIBER PATCH CORDS

- A. Fiber patch cords shall be installed as per the requirements specified by the manufacturer's installation guidelines.

3.3 IDENTIFICATION

- A. Refer to Section 27 05 53 - Identification for Communications Systems for labeling details.

END OF SECTION