

## SECTION 16740 - VOICE AND DATA SYSTEMS

## A. SUMMARY

1. Signal Pathways for Voice and High-Speed Data Transmission:
  - a. Backbone Data Service: EIA/TIA 568, Category 5, unshielded twisted-pair cable.
  - b. Backbone Voice Service: EIA/TIA 568, Category 5, unshielded twisted-pair cable.
  - c. Horizontal Data Service: EIA/TIA 568, Category 5, unshielded twisted-pair cable.
  - d. Horizontal Voice Service: EIA/TIA 568, Category 5 unshielded twisted-pair cable.

## B. SUBMITTALS

1. Samples of workstation outlet connectors, jacks, jack assemblies, and faceplates.
2. Cable schedule in electronic form.

## C. QUALITY ASSURANCE

1. Manufacturer Qualifications: EIA/TIA 568.

## D. PRODUCTS

1. Equipment Mounting: Plywood backboard.
2. Copper Cables: PVC jacket.
3. Panels: Cross connect.
4. Fiber-Optic Cables: Jacketed, glass type, multimode, graded index.

## E. FIELD QUALITY CONTROL

1. Testing Agency: Contractor employed.
2. Test Procedures: EIA/TIA 568 and NETA ATS.

END OF SECTION 16740