

SECTION 27 15 33

COMMUNICATIONS COAXIAL HORIZONTAL CABLING

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Provide new cable TV interior wiring, wiring taps, backboards and outlet jacks.

1.2 RELATED WORK

- A. Section 27 05 33 – Raceway and Boxes.
- B. Section 27 00 00 - Utility Service Entrance.

1.3 SUBMITTALS

- A. Submit documents under provision of Division 1 and Section 27 00 00.
- B. Product Data: Submit physical and operating characteristics of interior cable and outlet jacks.

1.4 PROJECT RECORD DOCUMENTS

- A. Submit record documents under provision of Division 1 and Section 27 00 00.
- B. Accurately record location of cable TV outlets.

1.5 CABLE TELEVISION SERVICE

- A. Cable TV service shall be provided as specified in Section 27 00 00.

PART 2 - PRODUCTS

2.1 INTERIOR CABLE TELEVISION WIRING

- A. Manufacturers:
 - 1. *Belden.*
 - 2. *AT & T.*
 - 3. Substitutions: Or Approved Equal.
- B. Description: Coax cable, 60 degrees C, RG-6 for circuit runs 300 feet and less; coaxial cable, 60 degrees C, RG-11 for circuits longer than 300 feet.

2.2 CABLE TELEVISION JACKS

LUMINATO – PORTLAND, MAINE

- A. Recessed Wall Type: “F” style threaded coaxial cable connector suitable for back wiring and mounting in a standard electrical box. Jack shall include a plastic ivory faceplate and mounting lugs.

2.3 CABLE TELEVISION BACKBOARDS

- A. Local Backboards: ¾” by 30” sq. plywood backboard, painted black. Mount on wall, secured to partition studs.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces are ready to receive work.
- B. Verify that field measurements are as shown on Drawings.
- C. Beginning of installation means installer accepts existing conditions.

3.2 CABLE TELEVISION OUTLETS

- A. Provide TV outlet boxes and jacks as shown on Drawings.
- B. Arrange with Division 26 to provide outlet boxes as shown on Drawings. Provide recessed (flush) mounted outlet boxes in all finished areas. Provide surface mounted outlet boxes only in unfinished areas or where installed on existing exposed masonry walls.

3.3 CABLE TELEVISION WIRING

- A. Route interior cable concealed in partitions above ceilings in finished spaces.
- B. Do not make splices of television cables.
- C. Support television cables above ceilings using spring metallic clips or cable ties to support cables from structure. Do not rest cables on lay-in ceiling panels.
- D. Provide television cables continuous from outlet jacks to cable taps and service point.

END OF SECTION