

**SECTION 27 15 13.13
COMMUNICATIONS OPTICAL FIBER SPLICING AND TERMINATIONS**

PART 1 - GENERAL

1.1 DESCRIPTION:

- A. This section specifies requirements for terminations of fiber optic cabling.

1.2 SUMMARY

- A. Section Includes:
1. Termination Requirements.

1.3 REFERENCES

- A. VA Infrastructure Standard for Telecommunications Spaces.

1.4 RELATED WORK:

- A. Termination equipment: Section 27 11 19, COMMUNICATIONS TERMINATION BLOCKS AND PATCH PANELS.
B. Fiber optic cabling requirements: Section 27 13 23, COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING.

1.5 SUBMITTALS:

- A. Submit in accordance with Section 27 05 00, COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 TERMINATION REQUIREMENTS.

- A. Terminate fiber optic cabling with duplex Lucent connector (LC) adapters on the patch cable side of each fiber enclosure, 12-fiber multi-fiber push on (MPO) connectors, or 24-fiber multi-fiber push on (MPO) connectors on the backbone cabling side of each fiber enclosure or as required for the application.
B. Pre-terminated connections are preferred for computer room structured cabling applications. Field termination (fusion splicing) for non-computer room applications where cable lengths cannot be determined in advance is acceptable.

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