

SECTION 26 05 22 {16127}

MANUFACTURED WIRING ASSEMBLIES

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This section includes prefabricated flexible wiring assemblies for branch circuit distribution to convenience outlets and luminaires.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcata.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes prefabricated flexible cables, distribution units, and cable accessories for system of wiring using manufactured wiring assemblies.
- B. Related Sections:
 - 1. Section 26 05 33 - Raceway and Boxes for Electrical Systems: Receptacle and wall switch outlets.
 - 2. Section 26 27 26 - Wiring Devices: Convenience receptacles and wall switches.

Carefully coordinate requirements for luminaire connectors. Use this paragraph when connectors are specified in luminaire section.

- 3. Section 26 51 00 - Interior Lighting: Fixture [receptacles.] [connector assemblies.]

- C. Related Sections:
 - 1. Section 16128 - Raceway and Boxes for Electrical Systems: Receptacle and wall switch outlets.
 - 2. Section 16140 - Wiring Devices: Convenience receptacles and wall switches.

Carefully coordinate requirements for luminaire connectors. Use this paragraph when connectors are specified in luminaire section.

3. Section 16510 - Interior Luminaires: Fixture [receptacles.] [connector assemblies.]

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

- A. National Fire Protection Association:
 - 1. NFPA 262 - Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces.

1.3 SUBMITTALS

Only request submittals needed to verify compliance with Project requirements.

- A. Section 01 33 00 - Submittal Procedures {01330 - Submittal Procedures}: Submittal procedures.
- B. Shop Drawings: Indicate distribution box, switch box, outlet, and cable layout and branch circuit configuration.
- C. Product Data: Submit catalog data for each cable type and for each fitting and accessory.

1.4 CLOSEOUT SUBMITTALS

- A. Section 01 70 00 - Execution and Closeout Requirements {01700 - Execution Requirements}: Closeout procedures.
- B. Project Record Documents: Record actual locations of cable assemblies and branch circuits.

1.5 QUALITY ASSURANCE

- A. Provide wiring materials located in plenums with peak optical density not greater than 0.5, average optical density not greater than 0.15, and flame spread not greater than 5 feet (1.5 m) when tested in accordance with NFPA 262.
- B. Perform Work in accordance with [[State] [Municipality] of [_____]] [Highways] [Public Work's] standard.]

Include the following paragraph only when cost of acquiring specified standards is justified.

- C. Maintain [one copy] [[_____]] copies of [each] document on site.