

PART 1 - GENERAL

- 1.1 SUBMITTALS .1 Submit shop drawings, and product data in accordance with Section 01 33 00.
- 1.2 RELATED SECTIONS .1 Conduits, Conduit Fastenings and Conduit Fittings: Section 26 05 34
- .2 Wire and Box Connectors (0 - 1000V): Section 26 05 20
- 1.3 REFERENCES .1 CSA C22.1-12, Canadian Electrical Code.

PART 2 - PRODUCTS

- 2.1 BUILDING WIRES .1 Conductors: soft drawn, stranded, copper(of 98% conductivity). Minimum size #12 AWG.
- .2 Copper conductors: size as indicated, with 600 V insulation of chemically cross-linked thermosetting polyethylene material rated RW90-XLPE.
- .3 Wiring to be colour coded in accordance with the Canadian Electrical Code.

PART 3 - EXECUTION

- 3.1 INSTALLATION OF BUILDING WIRES .1 Install wiring as follows:
.1 In conduit systems in accordance with Section 26 05 34.
- 3.2 INSTALLATION OF CABLES: GENERAL .1 Support cables independently of supports used for equipment of other trades; do not support from or secure cables to ductwork and piping.
- .2 Install cables in a neat and professional manner, so as to conserve headroom.
- .3 Install cables parallel and perpendicular to building lines.
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3.2 INSTALLATION
OF CABLES: GENERAL
(Cont'd)

- .4 Stranded conductors are to be "twisted together" at each termination.
- .5 Ty-rap branch circuit phase conductors and neutral (where applicable) at the closest point of entry within all panelboards, pullboxes, junction boxes, motor control centres and switchboards.