

2018 CANADIAN ELECTRICAL CODE

SUBJECT: Section 60 - Electrical communication systems

Rule 60-000 Scope

Section 60 applies to the wiring and equipment of the consumer's portion of a communication installation. Before installing an electrical communication system on a consumer's premises that is intended to be connected to a communication network, the appropriate communication utility should be consulted. The communication utility will provide the necessary information for an acceptable demarcation point between the consumer's and the utility's portion of the installation.

Rules 60-302 to 60-334 Inside conductors

Although the rules regarding the installation of communication circuits inside do not specifically state that boxes and enclosures are required, note that Section 60 is supplementary to other rules of the code. Rule 2-202, states that bare live parts shall be guarded against accidental contact and applies to communication circuits as well as others.

Connections for communication circuits are, therefore, to be enclosed in a suitable manner to prevent accidental contact.

Rule 60-314 Communication conductors in ducts and plenum chambers

A raceway is sometimes used to enclose communication cables run in plenums [described in 12-010 3)] because the cables do not have the proper flame spread requirements of 2-130. Concern has been expressed regarding the difficulty in terminating the conduit and cable at the top of a pole type multi-outlet assembly.

Discussions with the building discipline have concluded that it is acceptable to terminate the raceway adjacent to the pole and run the cables open for a distance not exceeding 300 mm to facilitate entry.

Issue of this STANDATA is authorized by
the Provincial Electrical Administrator

[Original Signed]

Clarence C. Cormier, P.Eng.



Alberta
Government