

## **1. General information**

### **1.1 Description**

- .1 Telephone, computer camera and fiber optic network for telecommunication system, including exit boxes and covers, cabinets, pipes, channels, junction boxes, sleeves and caps, fish tape, connection studs, circuit fittings and conduits embedded in concrete.

## **2. Products**

### **2.1 Materials**

- .1 Conduits: EMT type for building interior and PVC for hidden conduits, in accordance with the section - Conduits, fasteners and conduit connections. Minimum diameter: 21 mm.
- .2 Terminal, output and pull boxes in accordance with section - cabinets and terminal, pull and distribution boxes. Minimum 14 gauge and painted with one (1) antirust coat and two (2) layers of enamel.

## **3. Execution**

### **3.1 Installation**

- .1 In general, provide a conduit between the wall outlets and other ceilings.
- .2 Install empty tubing network, communication cable trays, fish tape, cabinets, exit boxes, pull boxes and covers, cabinets, pipes, channels, junction boxes, sleeves and caps, fish tape, connection studs, circuit fittings, the accessory parts and positioning equipment required to form a complete network.
- .3 In the case of apparent structure zones (open ceiling), each of the computer / telephony / camera outputs to be connected via an EMT conduit.
- .4 Any difficulty or obstruction must be brought to the attention of the engineer.
- .5 Under no circumstances should cables be in contact with hot, wet surfaces, power cables, machinery or ducts for other services (steam, hot water, transformer, etc.).
- .6 The conduit or cable tray must be at least 30 centimeters away from fluorescent fixtures and 1 meter away from any electric motor or transformer.

**END OF SECTION**