

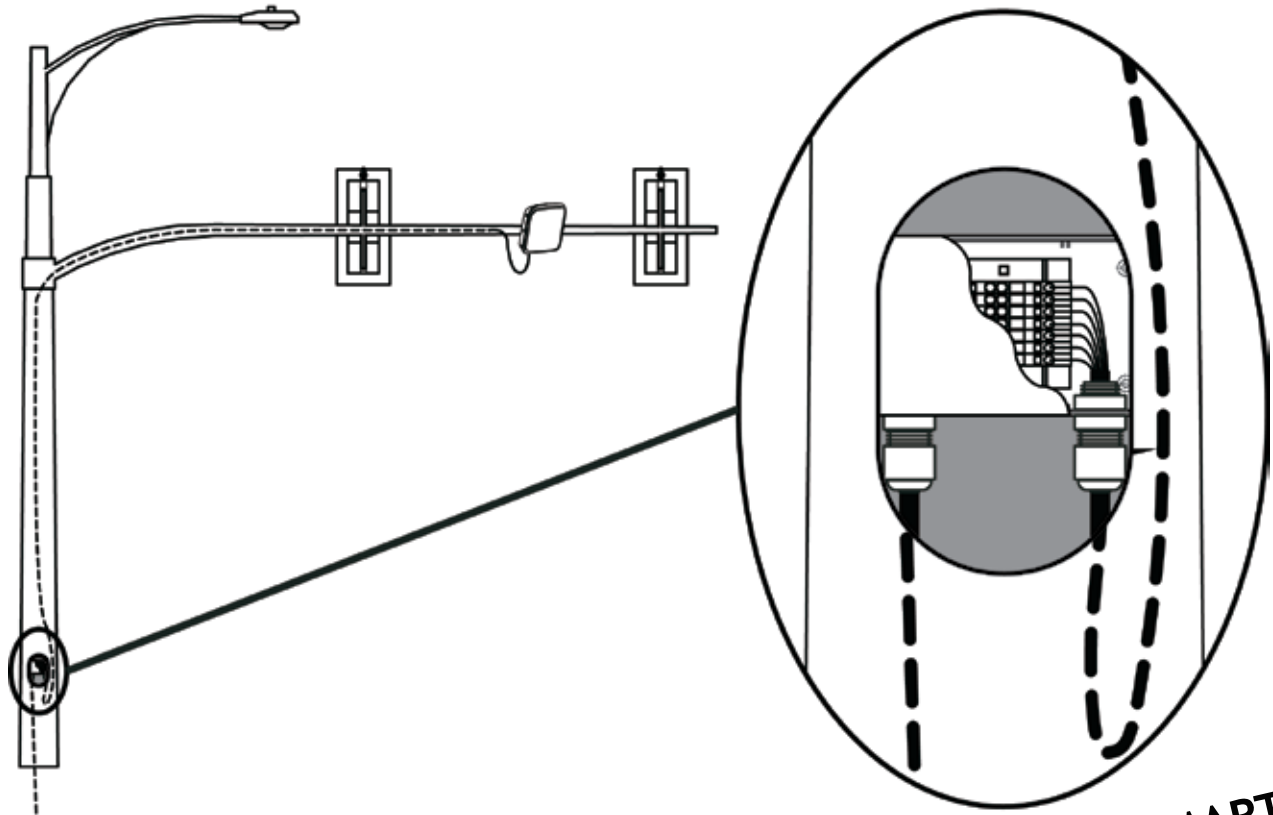


SmartSensor 6-conductor Cable Junction Box

The SmartSensor™ 6-conductor Cable Junction Box provides connection between the sensor's pigtail cable and the homerun cable to the cabinet. This junction box eliminates the need to pull a connectorized cable from the sensor to the cabinet. Its small size allows for an in-line connection that will fit in a hand hole.

Features

- Type 4, 4x enclosure
- Insulation displacement terminal blocks for quick wiring
- Small form factor for placement in traffic pole hand hole
- Cable grips for water resistance
- Same-side cable entry prevents cable path water trails from pooling on cable grip





Technical Specifications

Physical

- Dimensions: 6 in. x 3.6 in. x 3.1 in. (15 cm x 9 cm x 8 cm)
- Cable grip cable diameter: 0.2 in.–0.5 in. (5 mm–12.7 mm)
- Designed to meet IP 66 & NEMA 250 type 1, 3R, 4X, 6P and 12 ratings
- Material: fiberglass

Connector Block

- Connections: insulation displacement
- Nominal current I_N : 17.5 A
- Nominal voltage U_N : 500 V
- Maximum load current: 17.5 A
- Wire: 24–16 AWG

Ordering Information

Part Number – WX-SS-710

Recommended Accessories

- SmartSensor 6-conductor cable – WX-SS-704
- SmartSensor Matrix preassembled traffic cabinet back-plate – WX-SS-B01-0003, WX-SS-B01-0005

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SmartSensor 6-conductor Cable Junction Box Bid Specification

1.0 General. This item shall govern the purchase of a junction box (JB) equivalent to the Wavetronix SmartSensor™ 6-conductor cable junction box.

2.0 Physical. The JB shall not exceed 6.3 in. x 3.6 in. x 2.4 in. (16 cm x 9 cm x 6 cm) in its dimensions.

The JB's cable grip shall allow for a cable with a diameter of 0.2 in.–0.5 in. (5 mm–12.7 mm).

The JB shall be designed to meet IP 66 & NEMA 250 type 1, 3R, 4X, 6P and 12 ratings.

The JB shall be made of fiberglass.

3.0 Connector Block. The JB's connections shall employ insulation displacement technology. The JB shall have a nominal current of 17.5 A and a nominal voltage of 500 V. Its maximum load current shall be 17.5 A. The JB shall accept wire ranging in size from 24–16 AWG