



- ① TWO-WIRE DECODER CONTROLLER:  
RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE AND IQ NCC ETHERNET CARTRIDGE IN PLASTIC CABINET WITH WALL MOUNT. INSTALL CONTROLLER AND CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
- ② JUNCTION BOX
- ③ 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- ④ POWER SUPPLY WIRE
- ⑤ 1-INCH CONDUIT AND FITTINGS FOR ETHERNET SERVICE TO IQ CENTRAL CONTROL COMPUTER
- ⑥ ETHERNET CABLE TO LOCAL NETWORK JACK FOR COMMUNICATION TO IQ CENTRAL CONTROL COMPUTER (MAXIMUM LENGTH 300 FEET)
- ⑦ 1-INCH CONDUIT AND FITTINGS FOR COMMUNICATION CABLE TO CLIENT SATELLITE CONTROLLERS
- ⑧ PE-CABLE OR Y-CABLE FOR EXTERNAL RADIO TO CLIENT SATELLITE CONTROLLERS
- ⑨ 2-INCH CONDUIT AND FITTINGS FOR TWO-WIRE CABLE
- ⑩ MAXICABLE TWO-WIRE PATH TO DECODERS  
USE A DIFFERENT CABLE JACKET COLOR FOR EACH PATH

NOTES:

1. IQ ESP-LXD CONTROLLER COMES WITH 50 STATIONS AVAILABLE. TWO ADDITIONAL 75 STATION ESPLXD-SUM75 MODULES MAY BE ADDED TO EXPAND THE CONTROLLER UP TO 200 TOTAL STATIONS.
2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

## IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ CONNECTION MODULE

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N.T.S.

## AND IQ NCC ETHERNET CARTRIDGE IN PLASTIC CABINET