



R900® Wall Endpoint Installation

Installation Guidelines

Required Tools:

UR Crimper
Wire Strippers
Neptune Magnet
RF Test Device

Note: If existing endpoint is being replaced, cut the wire from the old endpoint to the register leaving about two (2) feet of wire for splicing.



STEP 1

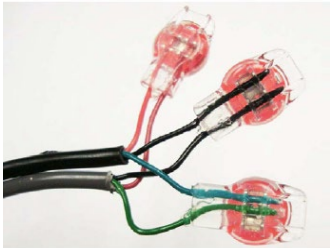
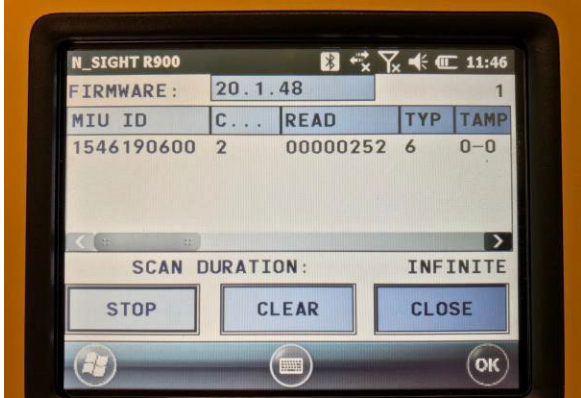
For optimal RF performance, the endpoint backplate adapter should be installed following the recommended criteria below:

- Minimum 2 ft distance from metal
- Minimum 2.5 ft above grade
- Minimum 2 ft distance from other utility assets (electric meter, gas meter, etc.)
- Clear line of sight from any obstructions (fence, bush, trees)
- Minimum 2 ft clearance from overhead objects (roof, overhang, etc.)



STEP 2

To connect the new endpoint, strip one (1) inch of the black jacket from the end of the register wire. Attach the register wires and endpoint wires together by color using Scotchlocks™.



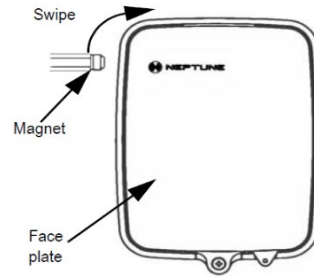
STEP 3

Mount the endpoint to the endpoint backplate adapter, making sure the cable is stored and run through the cable exit properly (see image below).



STEP 4

Once attached to the endpoint backplate adapter, using a magnet, swipe the endpoint over the top left corner of the endpoint in a clockwise motion.



STEP 5

Verify valid reading and activation using a Neptune RF test device. If colons are displayed, check the wiring between the endpoint and register.