

# JMA Weather Protection System™

## WPS-NRA-1S, 1/4" NRA Connector to Port



### Materials (all sold separately)



WPS-NF  
port seal



WPS-NRA-1S



1/4" N right angle  
connector UXP-NRA-14S



TW1412  
torque wrench

### Step 1: Install WPS-NRA-1S and port seal



Slide the WPS-NRA-1S boot onto the 1/4" cable 8-12" from the end prior to cable prep.



Prep the 1/4" cable and install the NRA connector. Refer to the connector installation instructions.



Install port seal, with text "This side toward nut" facing nut. Seal is black in color.

### Step 2: Connect and torque interface

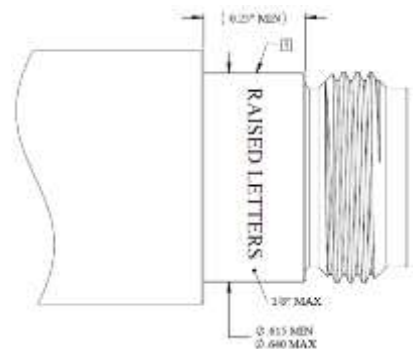


Mate the male connector to the port.



Torque the connector to 14 lbf-in using the TW1412 torque wrench.

### WPS-NF compatible port specification



### Step 3: Install JMA WPS to seal interface



Slide the WPS-NRA-1S over the elbow and onto the port seal until ribs are no longer visible.



Properly installed WPS-NRA-1S.  
**NOTE:** all ribs of the port seal are fully covered by the WPS.

- 1 Surface to be free of flats, threads, or raised lettering whose characters are taller than 1/8". ( ) Indicates optional geometry.

# JMA Weather Protection System™

## WPS-NRA-1S, 1/4" MRA Connector to Port



### Materials (all sold separately)



### Step 1: Install WPS-NRA-1S and port seal



Slide the WPS-NRA-1S boot onto the 1/4" cable 8–12" from the end prior to cable prep.



Prep the 1/4" cable and install the NRA connector. Refer to the connector installation instructions.



Install port seal. Seal is black in color.

### Step 2: Connect and torque interface



Mate the male connector to the port.



Torque the connector to 8 lbf-ft using the TQ-78-F8 torque wrench.

### Step 3: Install JMA WPS to seal interface

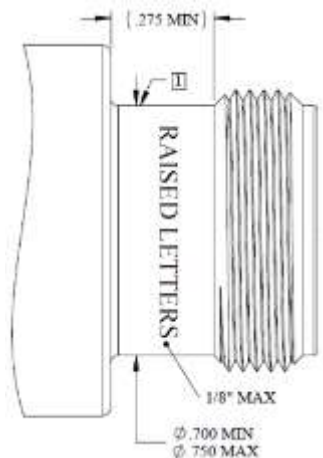


Slide the WPS-NRA-1S over the elbow and onto the port seal until ribs are no longer visible.



Properly installed WPS-NRA-1S. **NOTE:** all ribs of the port seal are fully covered by the WPS.

### WPS-MDF compatible port specification



**1** Surface to be free of flats, threads, or raised lettering whose characters are taller than 1/8". ( ) Indicates optional geometry.

# JMA Weather Protection System™

## WPS-NRA-1S, 1/4" 4RT Connector to Port



### Materials (all sold separately)



WPS-4F  
port seal



WPS-NRA-1S



1/4" 4.3-10 right angle  
connector UXP-4RT-14S



TQ-78-F8  
torque wrench

### Step 1: Install WPS-NRA-1S and port seal



Slide the WPS-NRA-1S boot onto the 1/4" cable 8–12" from the end prior to cable prep.



Prep the 1/4" cable and install the NRA connector. Refer to the connector installation instructions.



Install port seal, with text "This side away from nut" toward port. Seal is black in color.

### Step 2: Connect and torque interface

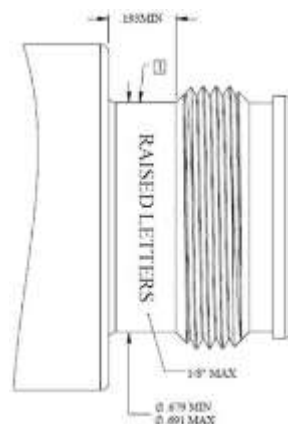


Mate the male connector to the port.



Torque the connector to 8 lbf-ft using the TQ-78-F8 torque wrench.

### WPS-4F compatible port specification



### Step 3: Install JMA WPS to seal interface



Slide the WPS-NRA-1S over the elbow and onto the port seal until ribs are no longer visible.



Properly installed WPS-NRA-1S.  
**NOTE:** all ribs of the port seal are fully covered by the WPS.

**1** Surface to be free of flats, threads, or raised lettering whose characters are taller than 1/8". ( ) Indicates optional geometry.