

# JMA Weather Protection System™

For 1/2" Connections to Antenna or Device



## Materials (all sold separately)



WPS-DF  
(for antenna)



WPS-4A or WPS-4S  
(for connectors)



JMA 1/2" DM connector



RDCUTTER



TQ-114-F18 torque wrench

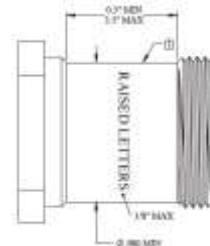
## Step 1: Install WPS-4A or WPS-4S and 1/2" connector



Prior to cable preparation, slide the WPS-4A or WPS-4S onto the 1/2" cable 6-12 inches from the end.



Prep the 1/2" cable to install the JMA compression connector. Refer to the appropriate 1/2" connector installation instructions.



### Compatible port dimensions



SURFACE SHOULD BE FREE OF FLATS, THREADS, OR RAISED LETTERING WHOSE CHARACTERS ARE TALLER THAN 1/8".

## Step 2: Cut WPS-DF



Measure the WPS-DF from the end of the port to the beginning of the threads as shown. Use your thumb to mark a cut line.



Align the blade of the RDCUTTER to the thumb mark indicating the cut length. Using one firm cutting motion, cut the WPS-DF to the proper length.



Properly measured WPS-DF.

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## Step 3: Install WPS-DF



Place the cut WPS-DF onto the antenna or device female port.



Ensure that the WPS-DF is properly placed on the antenna or device port, positioned just past the threads.



Properly installed WPS-DF.

## Step 4: Connect and torque interface



Connect the 1/2" connector to the antenna port or device, and hand-tighten.



Torque the connection to 18 lbf-ft using the TQ-114-F8 torque wrench.



Properly mated connector.

## Step 5: Install WPS-4A or WPS-4S



Slide the WPS-4A or WPS-4S over the 1/2" connection, making sure to overlap the port seal.



Completed installation of the JMA Weather Protection System.

### Proper port seal alignment



# JMA Weather Protection System™

For 7/8" to 1/2" Connections



## Materials (all sold separately)



WPS-4A or WPS-4S



WPS-5



Adjustable wrench or 1-3/8" open-ended wrench



JMA 1/2" DIN connector



JMA 7/8" DIN connector with port seal



TQ-114-F18 torque wrench

## Step 1: Install WPS-4, WPS-5, and connectors



Prior to cable preparation, slide the WPS-5 onto the 7/8" cable 6-12 inches from the end.



Prior to cable preparation, slide the WPS-4A or WPS-4S onto the 1/2" cable 6-12 inches from the end.



Prep and install the 7/8" cable to install the JMA compression connector. Refer to the 7/8" connector installation instructions.



Place the port seal onto the female connector.



Properly installed port seal.



Prep and install the 1/2" cable to install the JMA compression connector. Refer to the 1/2" connector install instructions.

# JMA Weather Protection System™

For 7/8" to 1/2" Connections



## Step 2: Connect and torque interface



Install the 7/8" connector to the 1/2" connector.



Torque the connection to 18 lbf-ft using the TQ-114-F8 torque wrench and an adjustable wrench or 1-3/8" open-ended wrench..



Properly mated connector.

## Step 3: Install JMA WPS to seal interface



Slide the WPS-4A or WPS-4S over the 1/2" connection making sure to overlap the port seal.



The WPS-4A or WPS-4S should cover the port seal entirely as shown.



Slide the WPS-5 over the 7/8" connector and slide onto the WPS-4A or WPS-4S, covering all the ribs.



Completed installation of the JMA Weather Protection System.

# JMA Weather Protection System™

For 1-5/8" to 1/2" Connections



## Materials (all sold separately)



WPS-4A or WPS-4S



WPS-7



Adjustable wrench or  
1-1/2" open-ended wrench



JMA 1/2" DIN connector



JMA 1-5/8" DIN connector  
with port seal



TQ-114-F18  
torque wrench

## Step 1: Install WPS-4, WPS-7, and connectors



Prior to cable preparation, slide the WPS-7 onto the 1-5/8" cable 6-10 inches from the end.



Place the 1/2" to 1-5/8" coupler onto the cable as shown. Prior to cable preparation, slide the WPS-4A or WPS-4S onto the 1/2" cable 6-12 inches from the end.



Prep and install the 1-5/8" cable to install the JMA compression connector. Refer to the 1-5/8" connector install instructions.



Place the port seal onto the 1-5/8" connector.



Properly installed port seal.



Prep and install the 1/2" cable to install the JMA compression connector. Refer to the 1/2" connector install instructions.

# JMA Weather Protection System™

For 1-5/8" to 1/2" Connections



## Step 2: Connect and torque interface



Mate the 1-5/8" connector to the 1/2" connector.



Torque the connection to 18 ft-lbs using the TQ-114-F8 torque wrench and an adjustable wrench or 1-1/2" open-ended wrench.



Properly mated connector.

## Step 3: Install JMA WPS to seal interface



Slide the WPS-4A or WPS-4S over the 1/2" connection making sure to overlap the port seal.



The WPS-4A or WPS-4S should cover the port seal entirely as shown.



Install the 1-5/8" to 1/2" coupler to the WPS-4A or WPS-4S.



Properly installed coupler. Note that the coupler rests flush against the 1-5/8" connector.



Slide the WPS-7 over the 1-5/8" connector and slide onto the coupler.



Completed installation of the JMA Weather Protection System.