

## Materials



WPS-DF  
(FOR ANTENNA)



WPS-1A / WPS-1S  
(FOR CONNECTORS)



TQ-114-F18  
Torque wrench



RDCUTTER



1/4" JMA DM Connector

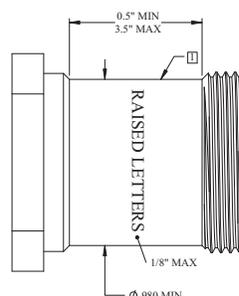
## Step #1: Install WPS-1A or WPS-1S and 1/4" Connector



Slide the WPS-1A or WPS-1S onto the 1/4" cable 6-12 inches from the end prior to cable preparation.



Prep and install the 1/4" cable to install the UXP Compression connector. Refer to the 1/4" corrugated connector install instructions.

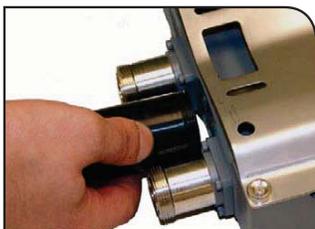


### Compatible port dimensions

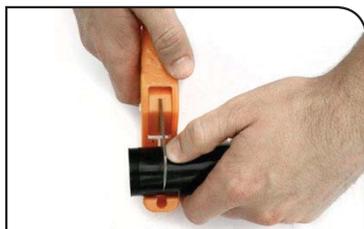
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SURFACE SHOULD BE FREE OF FLATS, THREADS, OR RAISED LETTERING WHOSE CHARACTERS ARE TALLER THAN 1/8".

## 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.

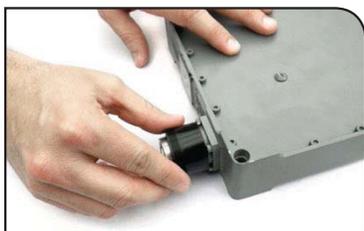


Properly measured WPS-DF.

## 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 1/4" connector to the antenna port or device, and hand tighten.



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



Properly mated connector.

## Step #5: Install WPS-1A or WPS-1S



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

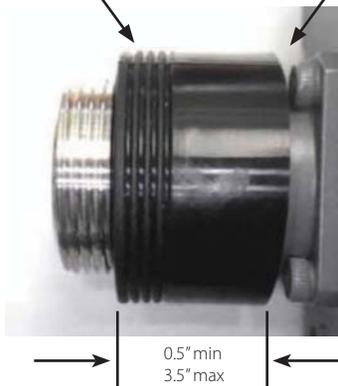


Completed installation of the JMA Weather Protection System.

## Proper Port Seal Alignment

Ribs be towards threads and should not overlap onto threads

Seal should clear any shoulder or step on port



0.5" min  
3.5" max