



# ePMP Force 100 Assembly Instructions (Page 1 of 3)

Cambium Networks™  
Connecting the Unconnected™

## **IMPORTANT: Before you begin installation,** **please check the alignment of the Bracket and Transition.**

The Bracket (D) and Transition (C) (see parts list on next page) come pre-assembled. In a number of cases, the Bracket and Transition were not properly aligned when assembled at the factory. See below for pictures of properly alignment and improper alignment for how to visually check the alignment. As a further check, insert the Feed (B) into the hole in the transition. If the Feed cannot be easily inserted, you have improper alignment. If your product has improper alignment, then follow the procedure below to address the issue before proceeding with assembly:

- Loosen the four screws that hold the bracket to the transition piece
- Move the bracket and transition piece until they are aligned. Pay particular attention to ensure that none of the bracket protrudes over the rim of the hole in the transition piece.
- While maintaining the relative position of the bracket and transition piece. Carefully tighten the four screws. Partially tighten each of the four screws in turn before doing the final tightening of the screws.



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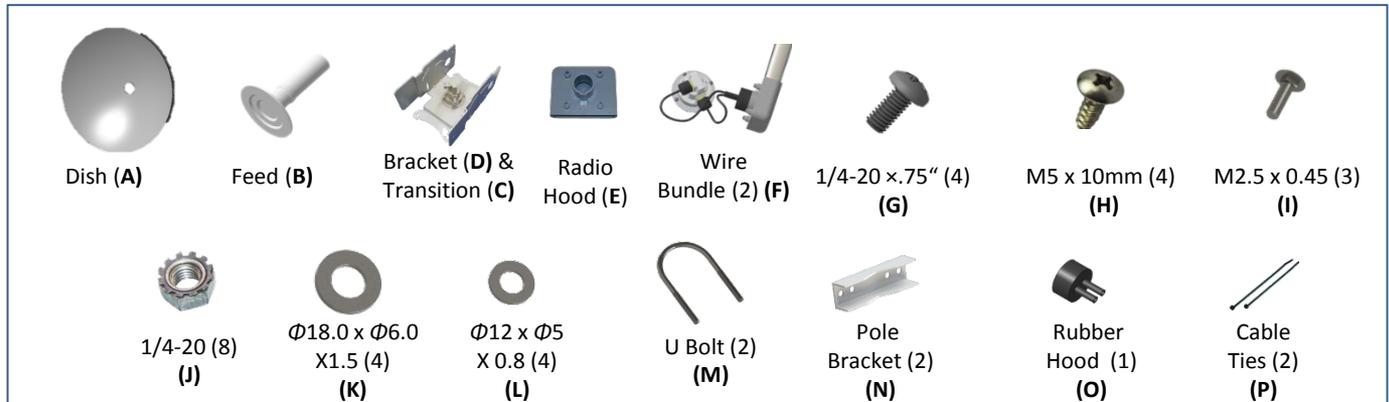
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## What's In the Box

(for each ePMP Force 100)

### Tools Needed:

Long Shaft Phillips Screwdriver,  
7mm wrench, 12 mm wrench,  
Electrical Tape, Self Amalgamating  
Tape.



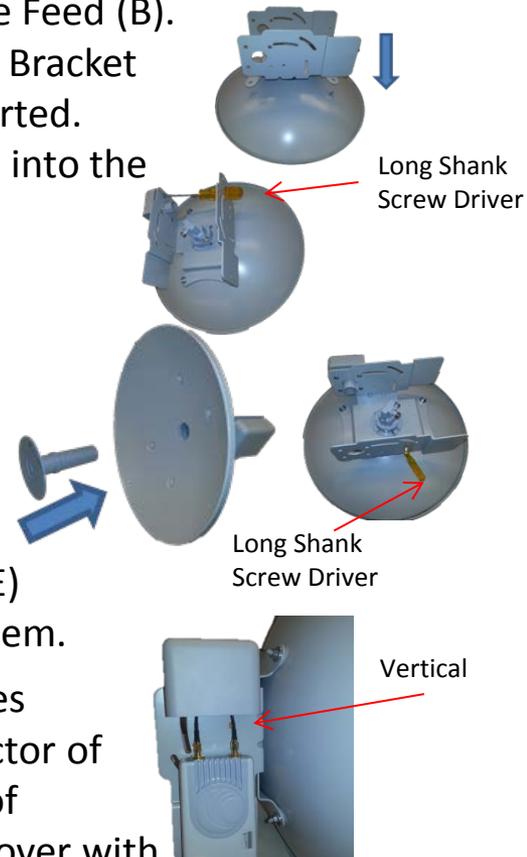
(1) Ensure that the top of Feed (B) is seated tightly to the bottom portion of the Feed (B). Ensure that Dish (A) is not damaged in the reflective dome area. Ensure that Bracket (D) and Transition (C) are aligned properly so that Feed (B) can be easily inserted. Ensure that Transition (C) has three set-screw holes. Pre-thread 4 Screws (H) into the Radio Hood (E), then remove (H) from (E).

(2) Lay Dish A on a flat surface and Attach Bracket (D) using 4 Bolts (G), 4 Washers (L) and 4 Nuts (J) with a 7mm Wrench. (3) Choose the side to attach Radio Hood (E) to the Bracket (D) using the 4 Screws (H) and 4 Washers (L) with a long shank screwdriver.

(4) Position Feed (B) through hole in Dish (A). Press Firmly until feed is at the bottom of Transition (C) . Mount the 3 set screws (H) into Transition (C).

(5) Place reverse SMA connectors on Wire Bundle (F) through 1" hole in hood (E) attached to Bracket (D). Pull wires out at least 2", but do not Cable Tie (P) them.

(6) Attach Wire Bundle to the N-Type connectors of Transition (C) with the cables provided. The "Vertical" cable goes on the downward facing N-Type connector of Transition (C). Place the "Horizontal" cable on remaining N-Type connector of Transition (C). Put self amalgamating tape on both N-Type connectors and cover with Electrical Tape.

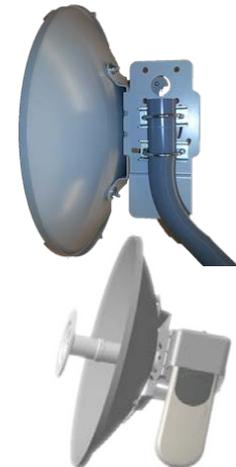




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- (7) Attach Wire Bundle to radio with reverse SMA connectors provided. “Vertical” goes on the on the right of the radio when looking at the radio with the Cambium Networks™ logo facing you. Place the “Horizontal” cable on remaining connector of the radio.
- (8) Position radio so that the slot in the back of the radio hooks on the protruding plastic piece inside Hood (E). Pull wires out of 1” hole.
- (9) Attach bottom of radio to flange on Hood (E) using the 5 mm bolt included with radio. Position rubber protective hood over the hole in Hood (E) and tie wrap each wire to prevent water ingress.
- (10) Place pole brackets (N) onto “U” bolts (M) with teeth facing the inside curve of the bolts.
- (11) Place bolts (M) with brackets (N) attached around the mounting pole and into the provided bracket holes. Attach Nuts (J) and Washers (K) to the brackets (N) and tighten snugly. Both horizontal and vertical installation options are provided.
- (12) Insert power/data cable into Radio, and replace its cover. Point the Radio and Dish toward signal source and align to receive peak signal by observing the LEDs on the radio face. Once peak signal is obtained, tighten nuts (J) on the “U” bolts (M).



Completed Assembly

Visit [www.cambiumnetworks.com/epmp/videos](http://www.cambiumnetworks.com/epmp/videos) for video assembly and installation instructions.