Installation Instructions

ValuLine™ Antenna Shield-Radome

Bulletin 237288 page 1 of 3
Version 00 Status RE Rev J
Model Version 00 Status RE Rev A

Description

This four-segment shield with radome is designed to be mounted on the reflector of a ValuLine antenna to achieve high performance.Signal absorber is fastened to the inside of the shield segments. Some antennas require absorber on only two shield segments and other antennas require absorber on all four segments. Assembly and mounting hardware is included.

Notice

The installation, maintenance, or removal of antenna systems requires qualified, experienced personnel. Andrew installation instructions have been written for such personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

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Table 1. Shield-Radome Parts List

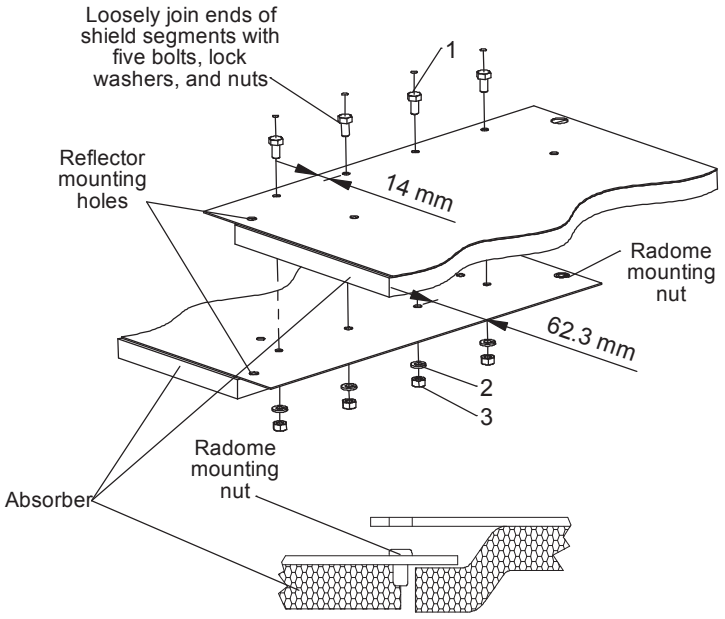
Item	Description	Part no.	Qty*
1	M6 x 1-6g x 12 mm hex bolt, ss	100532-7	38**
2	M6 lock washer	100522-25	56**
3	M6 x 1-6H hex nut	100526-25	38**
4	M6 flat washer	100525-17	18**
5	M6 x 1-6g x 20 mm hex bolt, ss	100534-214	18**
6	Hole plug	48504	8
7	Absorber clip	224303-3	4
8	Absorber washer	9862-10	4
9	Angle adaptor	45840-1	1
10	Angle adaptor bolt	9953-23	1

* Includes spares
**Quality increases by 6 for 64 series only.
ss stainless steel

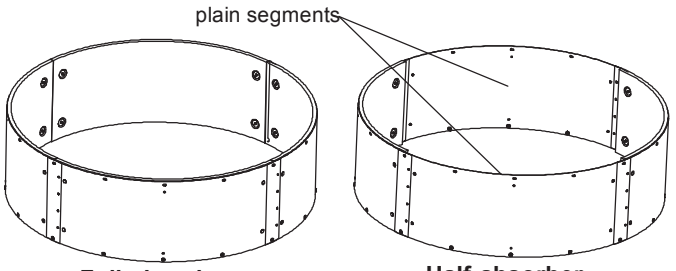
Table 2. Fastener Torque Specifications

Fastener	Torque value in N·m (lb·ft) for each fastener size					
Size	M5	M6	M8	M10	M12	M16
Stainless steel	4.5 (3.3)	7.7 (5.7)	18.7 (13.8)	39.2 (28.9)	65.1 (48)	161 (118.7)

1

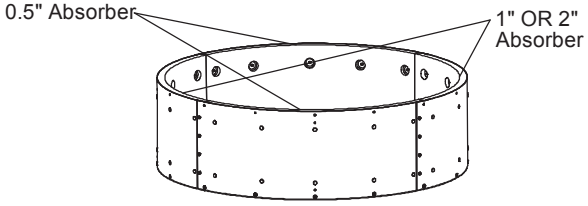


Typical overlap arrangement



Full-absorber antenna shield

Half-absorber antenna shield



0.5"/1.0" Full-absorber (71WA Only)
0.5"/2.0" Full-absorber (59,59W,64 Only)
ANTENNA SHIELDED

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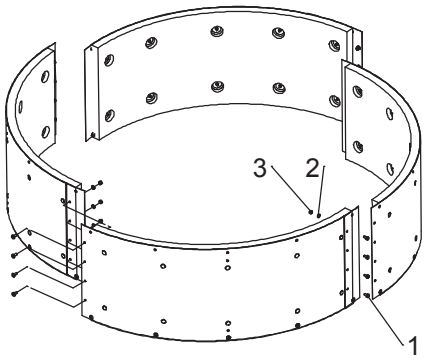
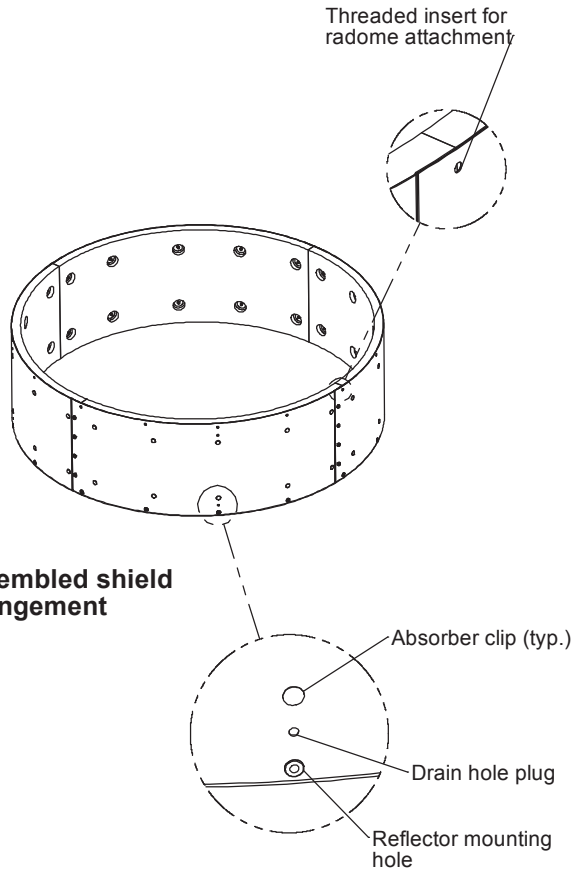
Full-absorber antenna shield version shown



Antenna shield arrangement



Assembled shield arrangement

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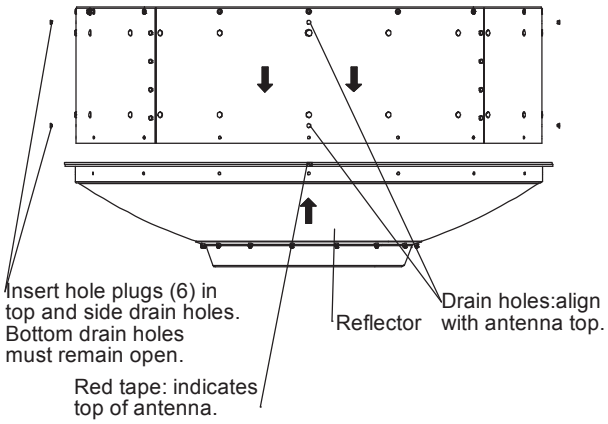
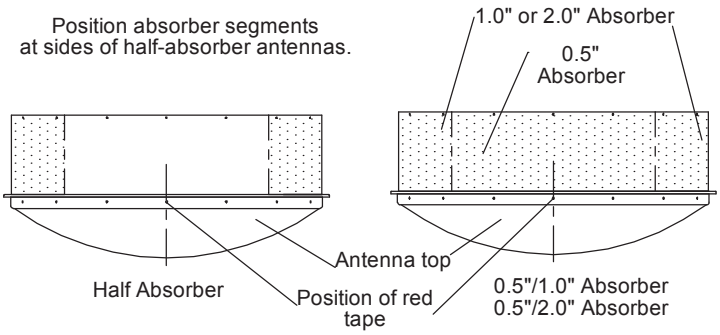
Insert shield into reflector so that mounting holes align with rim holes in reflector.





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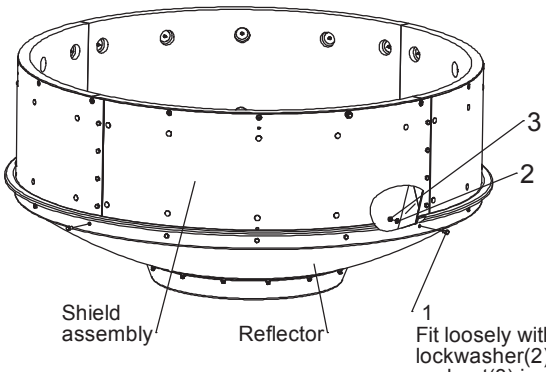

Pry the shield slightly to align shield and reflector holes to receive a bolt. Repeat at 3 opposite positions

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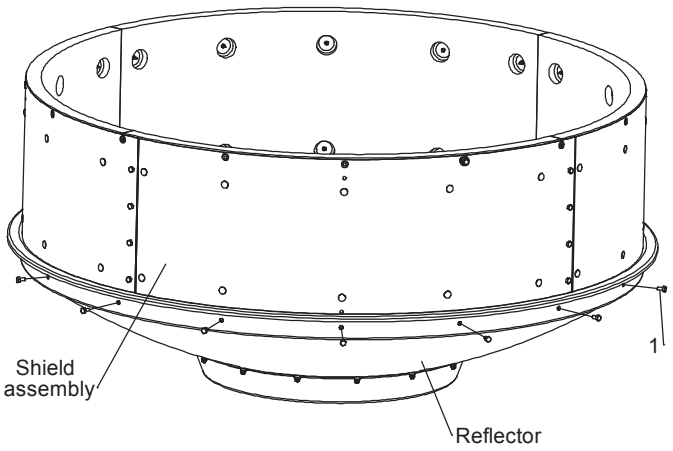

Fit bolts(1), lock washers(2), and nuts(3) to remainder of holes of reflector and tighten. Tighten all shield segment fastenings

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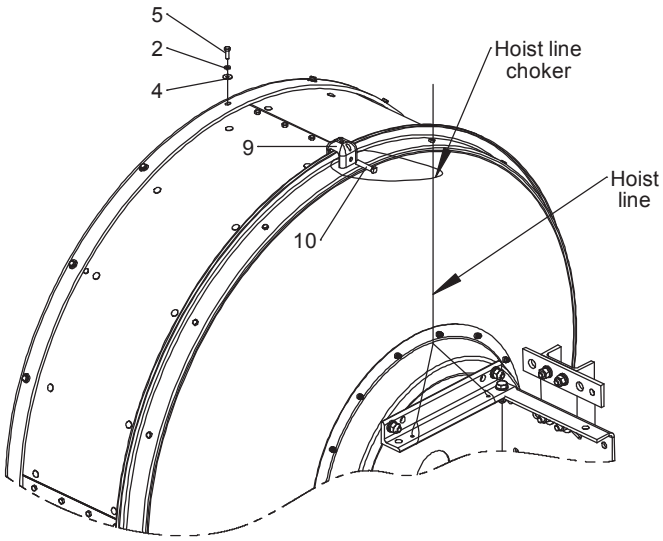
Position the radome on the shield with the red flash nearest the top of the antenna. Assemble radome to the shield with bolts(5), lock washers (2), and flat washers (4).

Tightly attach the angle adaptor (9) to the top of the reflector rim with the adaptor bolt (10) to accommodate a hoist line choker.



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