This replacement match is for the EmComm line of systems.

Use:

- Uses an auto matching network to present proper values when used with elements as instructed with the Alpha Antenna EmComm line of systems.

Hardware Specifications:

- SO239 connector
- Top Mount; Female 3/8 24
- Side Ground bolt; Male 3/8 24
- Bottom Mounting Hardware: Female 5/8 11
- IP Rating: IP-53 – Protected against dust limited ingress, no harmful deposits. Protected against direct sprays of water up to 60 degrees from the vertical.
- Environmental operating parameters: -15 to 150 degrees Fahrenheit and winds up to 50 Mph

Max Power (Watts):

- 250 PEP SSB
- 125 CW
- 25 Digital

Support Resources

- User Manuals: Alpha Antenna User Manuals hub.
- Videos: Related videos.
- Guidance / FAQs: Available HERE.
- Customer Reviews: Scroll to bottom of this page.

We Listen

We are dedicated to improving all of our systems. Specifications and descriptions are subject to change without notice.

4.8
★ ★ ★ ★ ★

Based on 6 reviews
5★
83
83%
4★
17
17%
3★
0%
2★
0%
1★
0%
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1. DC

   Protected_User_184690ac
   Verified owner
   December 22, 2025

   Black Ops AutoMatch

   Verified review - view original

2. GE

   Protected_User_4993357c

Verified owner
November 28, 2025
★★★★★
★★★★★
Black Ops AutoMatch

Verified review - view original

I found the directions confusing as to placement of ground wire. Does it go on the side bolt or on the bottom. If it is placed on the side bolt why was not a second 3/8×24 nut provided.

3. RL

Protected_User_9db429dc
Verified owner
November 5, 2025
★★★★★
★★★★★
Black Ops AutoMatch

Verified review - view original

Works well. Great addition to my portable gear. Great company to to business with.

4. C

Protected_User_08969548
Verified owner
October 7, 2025

★★★★★
★★★★★
Black Ops AutoMatch

Verified review - view original

Purchased with all the other parts to make a Mil Emcomm Deluxe, the complete setup works well and and achieves good results. Tunes well on all bands but not fantastic swr at 10m. We recently had a meeting for an upcoming training exercise. At the end of the meeting, I was able to set up the antenna in minutes, establish WINLINK and VarAC qso's, and listen to some DX coming into NZ from the Americas but unfortunately ran out of time to work any voice. Then from my father's property in Northland, I was able to get 5/9 reports from Hastings, Bay of Plenty, Waikato and Canterbury on 40m. 'Does everything I wanted.

5. 

Protected_User_5b450c24
Verified owner
August 6, 2025
★★★★★
★★★★★
Black Ops AutoMatch

It works.

I use the 17 foot whip on mine to fine tune the SWR on 20 meter and I usually can switch straight to 17 and 15 meter without a tuner and still keep the SWR below 1.2.

Grounding is critical. In dry soils you may have to put water on and around the ground pin for it to work.

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