The RF-3134-AT003/5 is an On-The-Move (OTM) vehicular loop antenna designed for Near Vertical Incident Skyway (NVIS) HF communications. This high “Q” antenna provides required bandwidth with excellent efficiency with limited groundwave capabilities to maintain Line-Of-Sight links.

The Vehicular Loop Antenna is lightweight and has a low physical profile which makes it easy to install and uninstall from the standard L3Harris RF-292 Antenna Mount for quick interchange to other types of antennas. It does not depend on a ground plane and as a result can be used on most vehicles, or fixed installations.

The RF-3134 has been designed for the same severe military environmental conditions as the rest of the Falcon II family.

The antenna includes full-loop antenna elements and tower, protective boot, coupler/PA cable, and high voltage cable installation kit.

Note: It works with the RF-382A and RF-5382 couplers, differing only in the associated power and control cable.
L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers’ mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.