

USE CASE - DIRECTION FINDER



The Customer

A US-based defense contractor.

The Challenge

The defense contractor was looking for a Direction Finder (DF) electronic warfare application used to find the location/direction of an RF signal. The accuracy of the DF increases as the height of the tower, where the antennas are placed, increases. However, the tower height was limited due to the signal losses caused by the coax cable.

The Solution

RFOptic provided its multilink environmentally hardened programmable RFoF solution. This enabled the RFoF modules to be placed very close to the antennas on top of the tower.

The Result

The reach and accuracy of the Direction Finder increased significantly. Further, the user was able to remotely adjust the link gain levels to adjust the RF link budget to various incoming RF power levels.

For more information, contact sales@rfoptic.com