

## Antenna

Directional UHF 48 degree 11 dBi Panel

### AT A GLANCE

Unique Panel Design	Includes RF Jumpers
48 degree directional antenna (PTP/Terminal)	Includes antenna mounting hardware
470-698 MHz UHF / Whitespace band	Radio directly mounts
11 dBi gain	

### ORDERING CODE

AFD-DB-600-2ft-01

### ELECTRICAL

<b>Cross Polarization</b>	> 30 dB
<b>F/B</b>	> 20 dB
<b>Gain</b>	11 dBi
<b>HP Azimuth Beamwidth</b>	48 Degrees
<b>HP Elevation Beamwidth</b>	48 Degrees
<b>Impedance</b>	50 Ohm
<b>Input Power</b>	100 W
<b>Isolation</b>	30 dB
<b>Lightning Protection</b>	DC Grounding
<b>Polarization</b>	Dual Linear V & H
<b>VSWR</b>	1.5:1

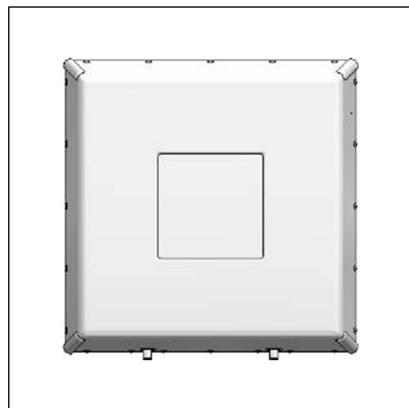
### MECHANICAL

<b>Antenna Termination</b>	2 x N-Male
<b>Antenna Type</b>	Panel
<b>Bracket</b>	Stainless Steel
<b>Integrated GPS</b>	No
<b>Mast Size</b>	44-117 mm (1-3/4 to 4-5/8in)
<b>Radio Direct Mount</b>	Yes
<b>Weight</b>	3.8 kg

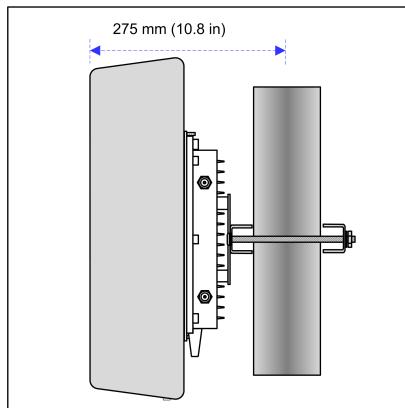
### ENVIRONMENTAL

<b>Ingress Protection</b>	IP68
<b>Operating Temperature</b>	-40 to +75 C

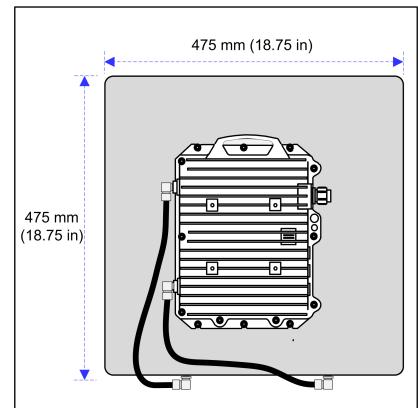
**Front**



**Side**



**Rear**



## REDLINE VIRTUAL FIBER

Redline Virtual Fiber is your smart alternative to deliver IP connectivity whenever fiber-like performance is required and you need to deploy rapidly, where fiber is not available, or fiber is impractical. With simple setup and connection, scalable performance options, superior physical security and reliability, Redline Virtual Fiber provides flexibility not available with fiber.

## REDLINE PROFESSIONAL SERVICES

Redline Professional Services cover the entire spectrum of complex tasks to design, build, optimize, and manage private wireless broadband networks. From product training and cell planning to complete turnkey solutions, let Redline and their global partners help you realize and manage a world class wireless network. Redline is widely recognized as having one of best customer support programs in the wireless industry for delivering responsive customer and solution support everywhere Redline's products are deployed.

## COMPLIANCE



## ABOUT REDLINE COMMUNICATIONS

Redline Communications ([www.rdlcom.com](http://www.rdlcom.com)) is the innovator of Virtual Fiber, a rugged wireless broadband solution used to cost-effectively deploy and extend secure networks, enable machine-to-machine (M2M) applications, connect digital oilfields and smart grids, facilitate and enhance public safety networks, and bring Internet access wherever and whenever it's needed - regardless of terrain or remote location. For more than a decade Redline has delivered powerful, versatile and reliable wireless systems to governments, militaries, oil and gas companies and telecom service providers through its global network of certified partners.

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\*In Redline's continuing effort to improve performance, specifications are subject to change without notice.

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communications