

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

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

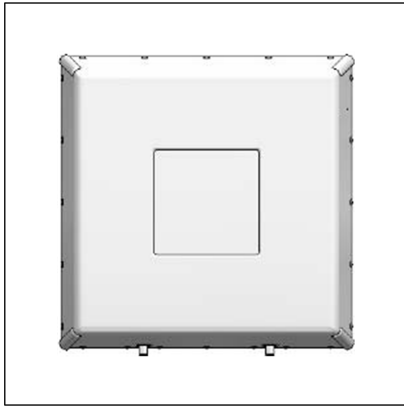
MECHANICAL

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

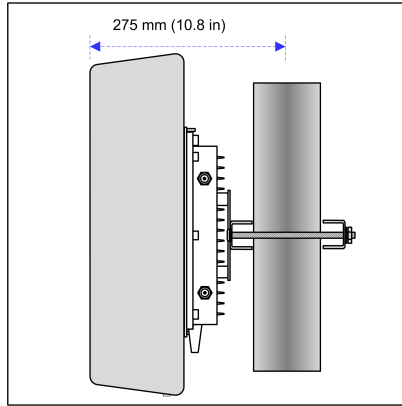
ENVIRONMENTAL

Ingress Protection	IP68
Operating Temperature	-40 to +75 C

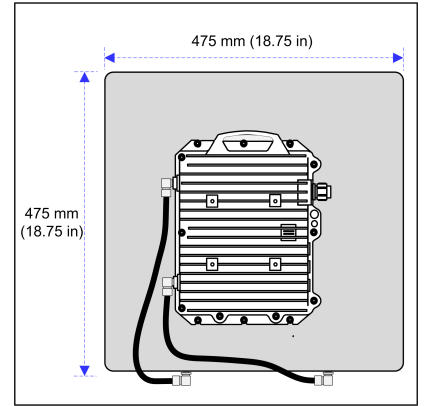
Front



Side



Rear



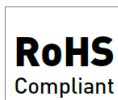
REDLINE VIRTUAL FIBER

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 the 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) 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.

CANADA 302 Town Centre Blvd., Toronto, Ontario
USA 185 SW 7th St., Office 1817, Miami, Florida
+1.905.479.8344 | [email info@rdlcom.com](mailto:info@rdlcom.com) | [toll free +1.866.633.6669](tel:+18666336669)

2014 Redline Communications Inc. All rights reserved.

The symbols R and TM designate trademarks of Redline Communications or identified third parties.
All other logos and product names are the trademarks of their respective owners, errors and omissions excepted.

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

redline
communications