



Antenna

Sectoral Dual-pol 470-698 MHz 90 degree 11 dBi

AT A GLANCE

90 degree sector antenna

470-698 MHz 11 dBi dual linear H Pol/V Pol

Built-in GPS antenna

Flying cable leads for all antenna connections

Includes antenna mounting hardware

Fits 40-120 mm (1.5 to 4.75 in) mast

RDL-3000 mounts directly to back of antenna

ORDERING CODE
AFS-DBG-60090-01

ELECTRICAL

Cross Polarization	> 20 dB
F/B	> 25 dB
Gain	11 dBi
HP Azimuth Beamwidth	90 Degrees
HP Elevation Beamwidth	25 Degrees
Impedance	50 Ohm
Input Power	100 W
Isolation	> 25 dB
Polarization	Dual Linear H & V
Stackable	Yes
VSWR	1.5:1

MECHANICAL

Antenna Termination	2 x Flying Leads (N-Male)
Antenna Type	Flat Panel
Bracket	Included
GPS Gain	RHC 4 dBiC
GPS Termination	Flying Lead (TNC Male)
Integrated GPS	Yes
Mast Size	40-120 mm (1.5-4.75 in)
Radio Direct Mount	Yes
Weight	20 kg

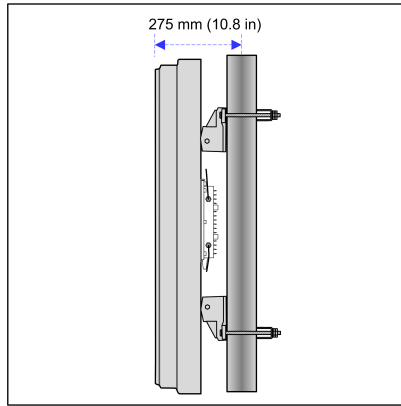
ENVIRONMENTAL

Ingress Protection	IP65
Operating Temperature	-40 to +75 C

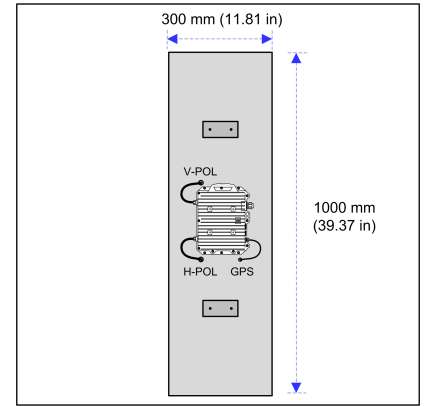
Front



Side



Rear



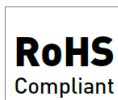
REDLINE VIRTUAL FIBER

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