



Delta1 Series

EXPOSED FOLDED 1.2 GHz
23 cm

DIPOLE Doubled 4-Bay Array
1240-1300 MHz



Electromagnetics

“Quality is everything.”

JAG-1270-2X4-OMD



- Amateur Radio



Electrical Specifications		Mechanical Specifications		Environmental	
Model	JAG-1270-2X4-OMD	Model	JAG-1270-2X4-OMD	Model	JAG-1270-2X4-OMD
Frequency Range (MHz)	1240 – 1300	Height	inches (mm) 48 (1,219.2)	Survival Wind Velocity With no Ice	mph (km/h) 175 (282)
Bandwidth @ 1.5:1 VSWR or Better (MHz)	60	Width	inches (mm) 6 (152.4)	Survival Wind Velocity With Ice	mph (km/h) 110 (177)
Polarization	Vertical	Depth	inches (mm) 6 (152.4)	Maximum Allowable Radial Ice Buildup	inches (mm) 0.5 (12.7)
Radiation Pattern	Omnidirectional	Weight	lb (kg) 15 (6.78)	Equivalent Flat Plate Area	ft ² (m ²) 1.73 (0.16)
Nominal Gain (dBd)	5.5 – 6	Support Mast Outside Diameter Inches (mm)	2.375 (60.3)	Lateral thrust (100mph) 0 Radial Ice Buildup	lbs (N) 70 (311.4)
Nominal Horizontal 3dB Beamwidth (Deg)	N/A	Support Mast Allowable Clamping Space Inches (mm)	36 (914.4)*	Torsional moment (100mph) 0 Radial Ice Buildup	ft-lbs (Nm) 11 (14.9)
Nominal Vertical 3dB Beamwidth (Deg)	14 – 16	Mounting Information	No clamps supplied* *(See JAG clamps page for suitable clamps)	Bending moment (100mph) 0 Radial Ice Buildup	ft-lbs (Nm) 132 (178.2)
Port-to-Port Isolation (dB)	N/A	Pigtail (ft) & RF Connector	2 – 2.5 & 'N' Male		
Maximum Average Power (Watts)	50				
Lightning Protection	DC Ground				

JAG-1270-2X4-OMD Product Specification Sheet.

Specifications are subject to change without notice. As a result, all information contained in the present datasheet is subject to confirmation at time of ordering.

Dated: May-29-2015

Issue: 1

Made in Canada

Rev052915.0

Page 1/1



RF EMI Engineering Technology
26-1750 Creek Way
Burlington, Ontario
L7L 7E2 Canada

Email: info@jagelectromagnetics.com
Web: www.jagelectromagnetics.com
Tel (905)-635-7437
Fax (905)-332-8093



Copyright © JAG Electromagnetics

JAG's dedication to continuous
Research & Development will result
in product improvements as they
evolve.