



NEQS 1121 Series Exposed Dipole Antenna (1121-6)

Brand: NEQS

P/N: 1121-6



- **Solid rod 6061-T6 radiators**
Minimizes the possibility of physical damage.
- **Molded insulators**
Improved resistance to temperature and humidity extremes.

Description

These side mount dipole antennas have been designed to provide economical offset gain radiation patterns. The 1121 series consists of a single dipole assembly with an RG11A/U matching transformer and is supplied less the support pipe.

Electrical Specifications

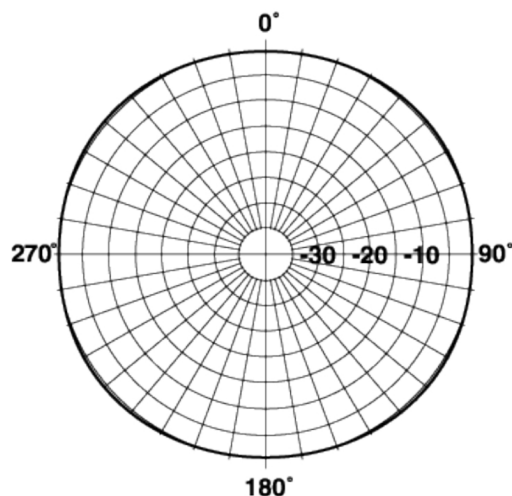
Frequency Range – MHz	156.5-159.5
Horizontal Pattern	Offset
Antenna Type	Exposed Dipole
Electrical Downtilt - Degrees	0
Gain – dBd (dBi)	3 (5.1)
Vertical Beamwidth - Degrees	80
Polarization	Vertical
VSWR	<1.5:1
Bandwidth for 1.5:1 VSWR – MHz	3
Impedance – Ohms	50
Maximum Power Input – Watts	250
Lightning Protection	Direct Ground
Connector Type	RG11A/U N Male
Connector Location	Bottom

Mechanical Specifications

Weight – lbs. (kg)	3 (1)
Mount Type	Fixed
Mounting Hardware	Stainless Steel Clamps
Rated Wind Speed mph (km/h)	100 (160)
Flexible Extensions	None
Radiating Element Material	.375 in. (9.53 mm) 6061-T6 Aluminum
Max Wind Loading Area, ft2 (m2)	.23 (.021)
Bend Moment @ Rated Wind	
1” Below Top of Pipe – ft lbf (N m)	3 (4)
Wind Load – Side @ Rated Wind, lbf (N)	9 (40)

Shipping Specifications

Shipping Weight – lbs. (Kg)	4 (1.8)
Packing Dimensions, HxWxD – in. (mm)	9.05 x 5.90 39.76
WxDxH – in. (mm)	230 x 150 x 1010



Horizontal Pattern