

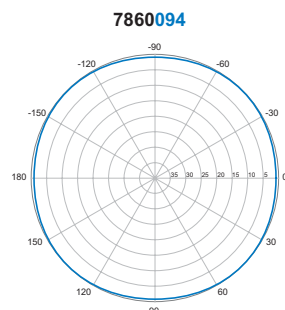
## 7860xxx

Mixed Polarization | Lindenblad Array Antenna | 360° | 0 dBd

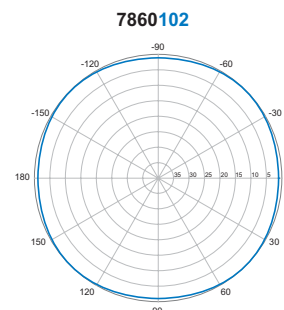
A VHF Lindenblad dipole array for broadcast radio systems providing single dipole-like radiation patterns but with mixed polarization to improve service area coverage. Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.



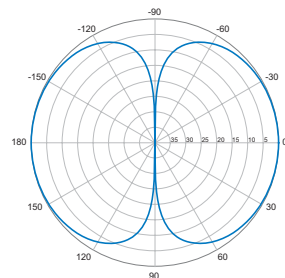
Ordering Options		
Model number options (xxx) Replace "xxx" with three-digit code for desired frequency range.	Model Number <b>7860094</b> <b>7860102</b>	Frequency Range* <b>88-102 MHz</b> <b>95-108 MHz</b> <small>*Other frequencies available upon request.</small>
Electrical Characteristics		
Polarization	Mixed	
Horizontal beamwidth	360°	
Vertical beamwidth	120°	
Gain	0 dBd	
Impedance	50Ω	
VSWR	<1.5:1	
Input power	200 W	
Lightning protection	DC Ground	
Connector(s)	1 / N-Female / Bottom	
Mechanical Characteristics		
Dimensions (overall) LxWxD: 7860094 7860102	1772 x 1772 x 1110 mm 1772 x 1772 x 1030 mm	69.8 x 69.8 x 43.7 in 69.8 x 69.8 x 40.6 in
Weight without mounting brackets: 7860094 7860102	14.1 kg 13.9 kg	31.0 lbs 30.6 lbs
Wind load @ 160 km/hr (100 mph): 7860094 7860102	368 N 349 N	82.7 lbf 78.5 lbf
Materials	Boom Elements Balun	Aluminum, 32 mm ( in) diam Aluminum, 19.1 mm ( in) diam fully moulded enclosure
Mounting Options		
Mounting Bracket Kit	XDG9255192	
	Order mounting bracket kit separately	



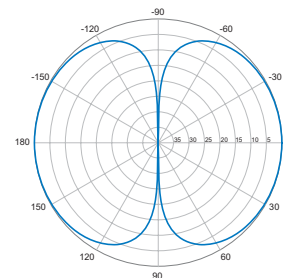
Horizontal



Horizontal



Vertical



Vertical

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.