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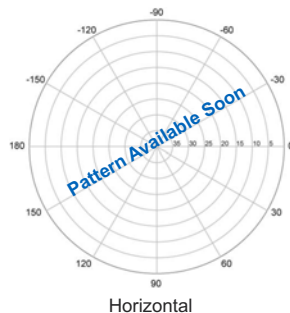
Linear, V-Pol or H-Pol | 8-Element Yagi | 52° | 10 dBd

An 8-element Yagi antenna for Cellular communications applications utilizing Amphenol's "Parabeam" slot radiator feed design to achieve higher directivity than comparable models. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.



Electrical Characteristics			
Frequency band	820-900 MHz		
Bandwidth	±5% (typical)		
Polarization	Linear, Vertical, or Horizontal		
Horizontal beamwidth	52°		
Vertical beamwidth	48°		
Gain	10 dBd / 12.1 dBi		
Impedance	50Ω		
VSWR	<1.5:1		
Front-to-back ratio	>20 dB		
Maximum power	150 W		
Connector type	N-Female + 1m of RG213 cable		
Lightning protection	DC grounded		
Mechanical Characteristics			
Materials	Boom: 25 mm diameter, aluminium Elements: 10 mm diameter, aluminium Balun: 'Parabeam' slot radiator		
Dimensions (Length)	990 mm 39.0 in		
Weight without bracket	1.7 kg 3.7 lbs		
Wind load @ 160 km/hr (100 mph)	55 N 12.4 lbf		
Mounting Options	Image	Part Number/Description	Fits Pipe Diameter
Mounting bracket		3202078/68 + 0900174/00 Fixed 90° Norstel with increasing sleeve (Use to increase antenna boom or mast diameter from 25-48.3 mm.	48 mm (1.9 in)
Alternate mounting bracket		0302063/68 Use to attach 25-50 mm diameter antenna mast or boom to 25-50 mm diameter mounting pipe.	25-50 mm (1-2 in)

Please order Mounting Bracket separately.



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.