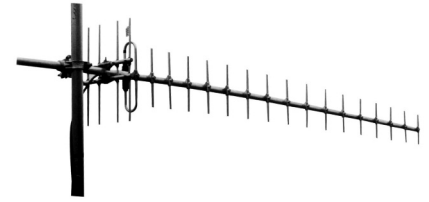


An 18-element UHF Yagi antenna with High F/B ratio for PMR/Trunked Radio and Broadcast applications. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.

## 7019xxx

Replace "xxx" with desired model number option.

V-Pol or H-Pol | 18-Element Yagi | 28° | 14.0 dBd



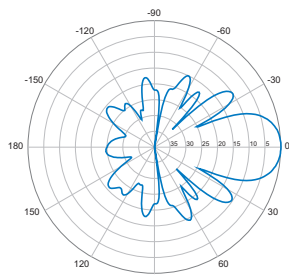
Electrical Characteristics		
Frequency range	380..500 MHz	
Model number options (xxx)	Model Number	Frequency band*
	7019405	380-412 MHz
	7019443	413-455 MHz
	7019460	440-470 MHz
Bandwidth	±4% (typical)	
Polarization	Vertical or Horizontal	
Horizontal beamwidth	28°	
Vertical beamwidth	27°	
Gain	14.0 dBd	
Impedance	50Ω	
VSWR	<1.5:1	
Front-to-back ratio	>25 dB	
Maximum power	150 W	
Connector type	N-Female + 3m of RG213 cable	
Lightning protection	DC grounded	

\* Other frequencies available upon request.

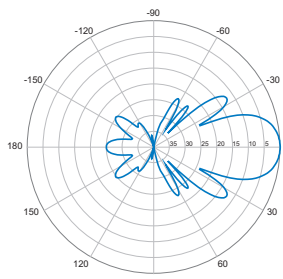
Mechanical Characteristics		
Materials	Boom, 32 mm dia. aluminium, Elements, 12.7 mm dia. aluminium, Balun, fully moulded enclosure	
Dimensions (Length)	380 MHz:	4680 mm / 184.3 in
	500 MHz:	3800 mm / 149.6 in
Weight without bracket	380 MHz:	10.0 kg / 22.0 lbs
	500 MHz:	9.0 kg / 19.8 lbs
Wind load @ 160 km/hr (100 mph)	380 MHz:	310 N / 70.0 lbf
	500 MHz:	260 N / 58.5 lbf

Mounting Options	
Mounting bracket	3202078/68 + 3201079/00
Alternate mounting brackets	0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter
Mounting accessory (optional)	0900018/00 Trombone 2-point mount

Please order Mounting Bracket separately.



Horizontal



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.