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YAGI DIRECTIONAL
 ANTENNAS
 NLOS None Line of Sight

698 - 780 MHz	YA7009F	YA70011F	YA70012F	YA70013F	YA70014F
Electrical Data					
Gain (dBi)	9	11	12	13	14
Front-Back Ratio (dBc)	15 dB Min	16 dB Min	16 dB Min	18 dB Min	18 dB Min
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less	1.5 or less	1.5 or less
Beamwidth	H45/V40	H43/V37	H40/V35	H36/V31	H33/V29
Wind Velocity	210 km/h	210 km/h	210 km/h	210 km/h	210 km/h
Maximum Power	150W	150W	150W	150W	150W
Polarization	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical
Input Impedance	75 Ohms	75 Ohms	75 Ohms	75 Ohms	75 Ohms
Physical Data					
Construction	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Connector Interface	F-Male	F-Male	F-Male	F-Male	F-Male
Structure	7 Elements	8 Elements	9 Elements	12 Elements	14 Elements
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground	DC Ground
Length	745mm	845mm	940mm	1038mm	1135mm
Weight	0.35kg	0.4kg	0.45kg	0.5kg	0.55kg
Fits Mast Size	1.1" - 2.05" 28-52mm	1.1" - 2.05" 28-52mm	1.1" - 2.05" 28-52mm	1.1" - 2.05" 28-52mm	1.1" - 2.05" 28-52mm