DMS Wireless
a division of DMS International

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YAGI DIRECTIONAL ANTENNAS
NLOS None Line of Sight

760 - 780 MHz	YA7607	YA7609	YA76011	YA76012	YA76013	YA76014
Electrical Data						
Gain (dBi)	79		11	12	13	14
Front-Back Ratio (dBc)	15 minimum	16 minimum	16 minimum	16 minimum	18 minimum	18 minimum
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less	1.5 or less	1.5 or less	1.5 or less
Beamwidth				40H 35V	36H 31V	433H 29V
Wind Velocity	210 km/h	210 km/h	210 km/h	210 km/h	210 km/h	210 km/h
Maximum Power	150W	150W	150W	150W	150W	150W
Polarization	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	or Vertical	or Vertical	or Vertical	or Vertical	or Vertical	or Vertical
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Physical Data						
Construction	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Connector Interface	Female N	Female N	Female N	Female N	Female N	Female N
Structure	6 Elements	7 Elements	8 Elements	9 Elements	12 Elements	14 Elements
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground	DC Ground	DC Ground
Fits Mast Size	1.1" - 2.05"	1.1" - 2.05"	1.1" - 2.05"	1.1" - 2.05"	1.1" - 2.05"	1.1" - 2.05"
	28-52mm	28-52mm	28-52mm	28-52mm	28-52mm	28-52mm