DMS Wireless
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YAGI DIRECTIONAL ANTENNAS **Wireless broadband yagi antennas for customer premises**

800 - 896 MHz	**YA8007**	**YA8009**	**YA80011**	**YA80012**	**YA80013**	**YA80014**
Electrical Data						
Gain (dBi)	7	9	11	12	13	14
Front – Back Ratio (dBc)	15 dB Min	15 dB Min	16 dB Min	16 dB Min	17 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	1.5 or less
Beamwidth	48H 44E	44H 39E	42H 38E	40H 36E	35H 32E	32H 30E
Windload	200 km/h	200 km/h	200 km/h	200 km/h	200 km/h	200 km/h
Maximum Power	150W	150W	150W	150W	150W	150W
Polarization	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical	Horizontal 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	5 Elements	7 Elements	8 Elements	9 Elements	12Elements	14 Elements
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Length	480mm	610mm	760mm	850mm	1100mm	1250mm
Weight	1.2kg	1.43kg	1.55kg	1.7kg	2.1kg	2.35kg
Fits Mast Size	1.5" - 2.25" 28-60mm	1.5" - 2.25" 28-60mm	1.5" - 2.25" 28-60mm	1.5" - 2.25" 28-60mm	1.5" - 2.25" 28-60mm	1.5" - 2.25" 28-60mm