

YAGI ANTENNA

166 MHz Directional Antenna



ZDADJ166-YG

Reliable long range communication for demanding environments.

- Up to +6-12.5 dBi directional gain
- Durable aluminum alloy construction
- Tested to ≤ 1.5 VSWR to minimize return loss and improve performance
- Reliable, weatherproof, field-tested performance

IMAGE PENDING



ELECTRICAL				
Item No.		ZDADJ166-6YG	ZDADJ166-10YG	ZDADJ166-12YG
Frequency Range	MHz	164 - 170	164 - 170	164 - 170
Gain	dBi	6	10	12.5
Polarization		Horizontal/Vertical	Horizontal/Vertical	Horizontal/Vertical
Beam width	Horizontal	deg	134	58
	Vertical		50	52
VSWR		≤ 1.5	≤ 1.5	≤ 1.5
Front-To-Back Ratio	dB	≥ 15	≥ 15	≥ 15
Input Power, maximum	watt	300	300	300
Impedance	ohm	50	50	50

RADIATION PATTERNS

HORIZONTAL



ZDADJ66-6YG



ZDADJ66-10YG



ZDADJ66-12YG

VERTICAL



ZDADJ66-6YG



ZDADJ66-10YG



ZDADJ66-12YG

MECHANICAL				
Connector Type		N-Female	N-Female	N-Female
Size	mm	840 x 105	1735 x 105	3075 x 105
Weight	kg	1.5	2.5	4.0
Mounting Hardware	mm	$\varnothing 30 \sim \varnothing 50$	$\varnothing 30 \sim \varnothing 50$	$\varnothing 30 \sim \varnothing 50$
Wind Speed Resistance	mph	135	160	100
Element(s)		3	5	9
Operational Temperature	°C	-40 ~ 60	-40 ~ 60	-40 ~ 60
Antenna Material		Aluminum Alloy	Aluminum Alloy	Aluminum Alloy

