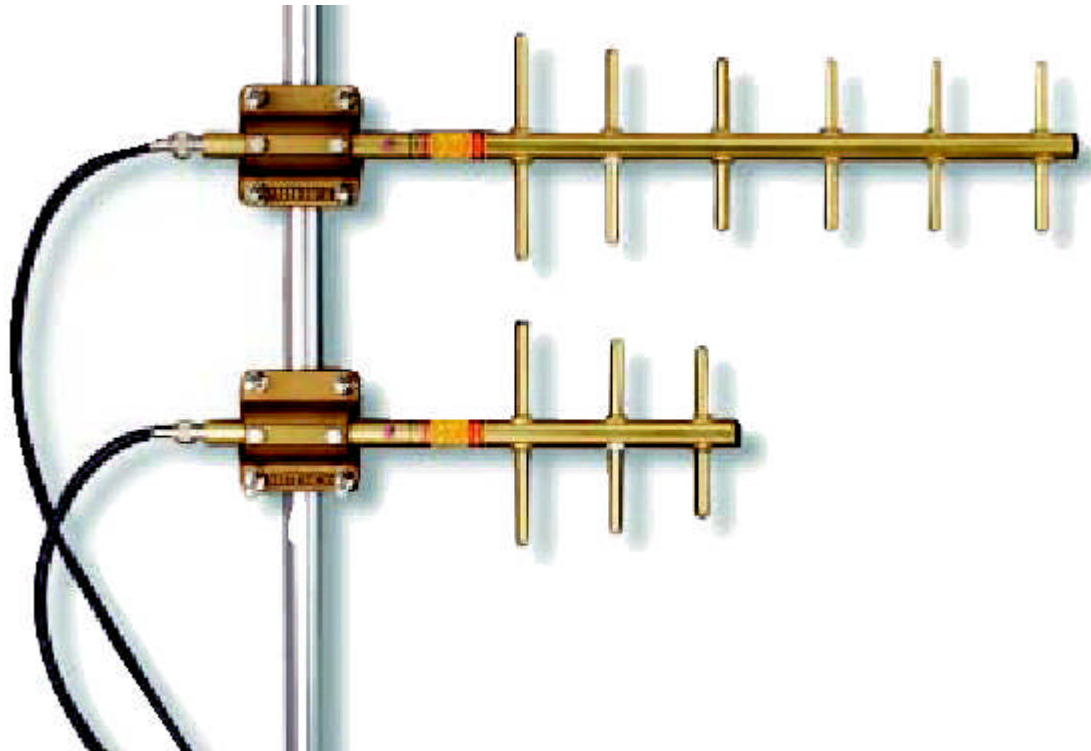


# Yagi Directional Antennas



**TS0498B9**

**TS0498B7**

Model#	Gain	Length (inches)	Elements	Front-Back Ratio	Frequency Ranges (MHz)
<b>VHF (132-174MHz)</b>					
TS0418B7-xxx/N	7 dBd	42	3	17 dB	136-150, 150-174 (tuneable, 4MHz bandwidth)
TS0418B9-xxx/N	9 dBd	72	5	20 dB	
<b>UHF (380-512MHz)</b>					
TS0448B7-xxx/N	7 dBd	21	3	17 dB	430-450, 450-470
TS0448B10-xxx/N	10 dBd	44	6	20 dB	406-430, 430-450, 450-470, 470-490
<b>900MHz (896-970MHz)</b>					
TS0498B7-933/N	6 dBd	17	3	15 dB	896-970
TS0498B9-933/N	9 dBd	28	6	16 dB	
("xxx" designates the center frequency in MHz)					

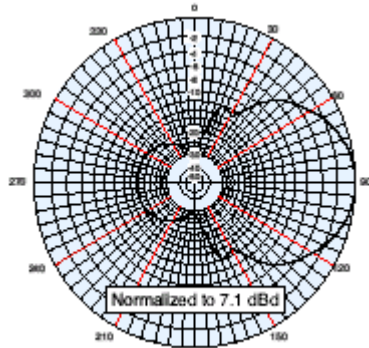


# Yagi Directional Antennas

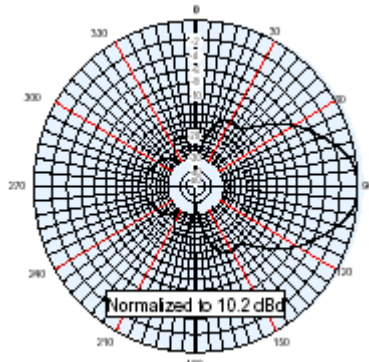
## General Specifications

<b>VSWR</b>	<1.5:1
<b>Maximum Power</b>	500 watts - VHF 300 watts - all others
<b>Impedance</b>	50 Ohms
<b>Termination</b>	N Female Connector
<b>Material</b>	6061-T6 Heat Treated Aluminum, Black Anodized Finish
<b>Wind Survival</b>	150 MPH
<b>Wind Survival</b>	80 MPH – with 0.5" radial ice
<b>Boom Diameter</b>	7/8 inch
<b>Mounting Brackets</b>	Stainless Steel Brackets for up to 2 1/2 inch mast – Included

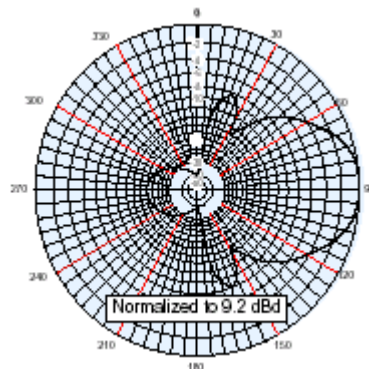
## Vertical Field Patterns



TS0418B7

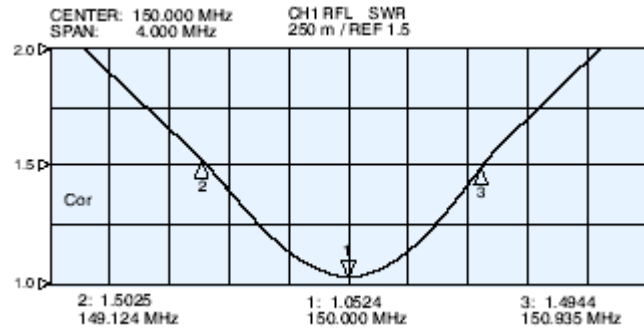


TS0448B10B

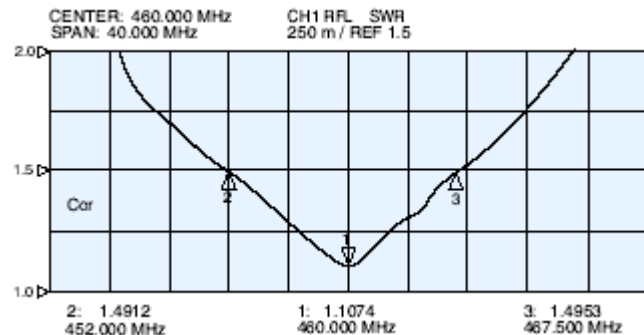


TS0498B9

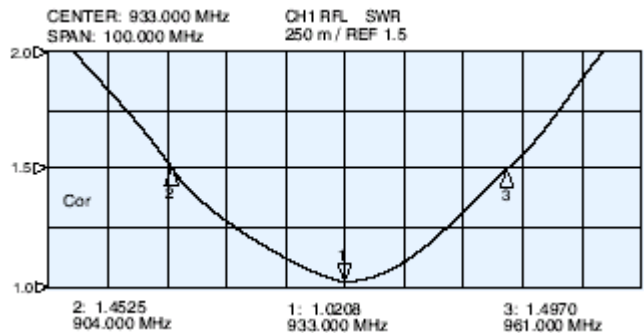
## VSWR



TS0418B7



TS0448B10



TS0498B9

