



# Quarterwave Vertical Groundplane Antenna

**Model: V47-1-UF**

Frequency Range	45 - 50MHz
Gain	unity
1.5:1 VSWR Bandwidth (typ.)	>1.4MHz (2.8% of frequency)
Power Rating	250 Watts
Polarization	Vertical
Horizontal Radiation Pattern	Omni-directional
Input Connector	type UHF-female on coax pigtail
Lightning Protection	DC Grounded
Windload (no ice)	1.03 ft <sup>2</sup> (0.10m <sup>2</sup> @ 47MHz
Total Radiator Height (approx.)	61"(155cm) at 47MHz
Total Overall Height (approx.)	72" (183cm)
Mounting	Mounts up to 1.9"(4.8cm) o.d. support mast
Weight (including clamps)	3.5 lbs.(1.6kg)
Construction	Aluminum and Stainless Steel



↑ Ground Radial Attachment ↑

## Maple Leaf Communications

Box 1471 R.R. # 1  
 Everett, Ontario  
 L0M 1J0 Canada

Tel: (705) 435-2819  
 Fax: (705) 435-2996  
<http://www.mapleleafcom.com>



↑ Attachment to Support Mast ↑