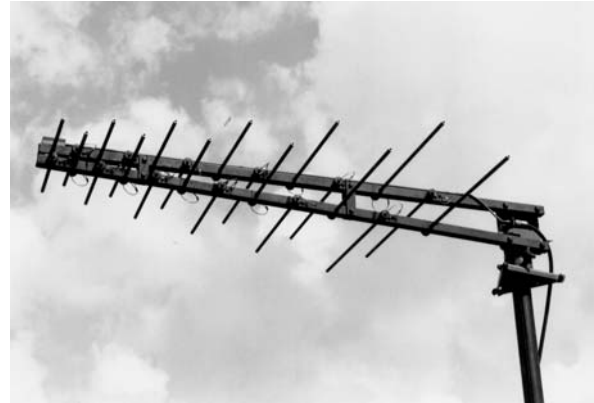


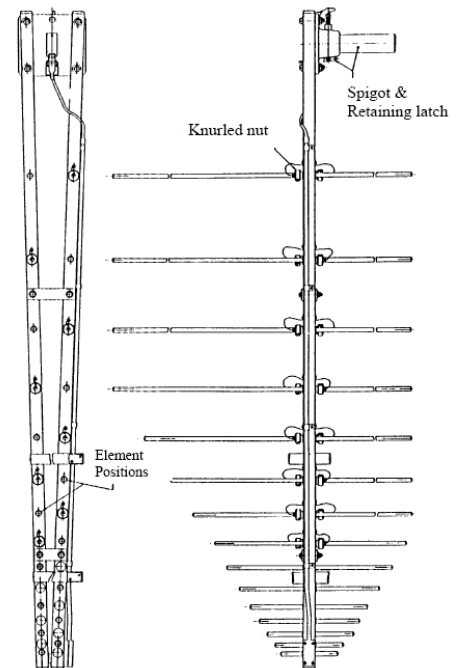
## VHF / UHF Log Periodic Antenna 100-500 MHz

Type 951

Racal Antennas type 951 VHF / UHF log periodic array has been designed for a range of applications including tactical surveillance, monitoring, electronic countermeasures and point to point communications. Rugged in construction it is quick and easy to assemble and ideal for tactical use where severe environmental conditions may exist. Vertical or horizontal modes of operation can be chosen and very similar radiation patterns are produced in both orientations. Mechanical fittings are of stainless steel construction and the boom section insulators are manufactured from glass-reinforced polyester. The complete antenna is finished in olive green drab paint. A carrying bag is supplied for antenna storage and transportation.



<b>Electrical Specification</b>	
<b>Frequency Range</b>	100-500 MHz Transmit 100-1000 MHz Receive
<b>VSWR</b>	< 2.5:1
<b>Input Impedance</b>	50Ω
<b>Power rating</b>	400 W PEP
<b>Gain</b>	4 dBi Minimum
<b>Beamwidth (typical)</b>	E Plane .... 85° H Plane .... 90°
<b>Polarisation</b>	Vertical or Horizontal
<b>Connector</b>	N Type Socket
<b>Mechanical Specification</b>	
<b>Element Span</b>	0.74 m
<b>Boom Length</b>	1.25 m
<b>Weight</b>	Antenna .....8 kg
<b>Max Wind (Survival)</b>	45 m/s (no ice)
<b>Mounting Configuration</b>	40mm spigot
<b>Temperature Range</b>	Storage .....-40°C to +55°C Operational ...-30°C to +55°C



VHF Log Periodic Antenna Type 951

### RACAL ANTENNAS LTD

First Avenue, Millbrook Trading Estate, Southampton, SO15 0LJ, United Kingdom  
tel: +44 (0) 2380 705705 • fax: +44 (0) 2380 701122 • sales@racalantennas.com • www.racalantennas.com  
Racal reserve the right to vary in detail from the description and specification in this publication.