



LOG3/GR

1.75-1.85 GHz High Performance

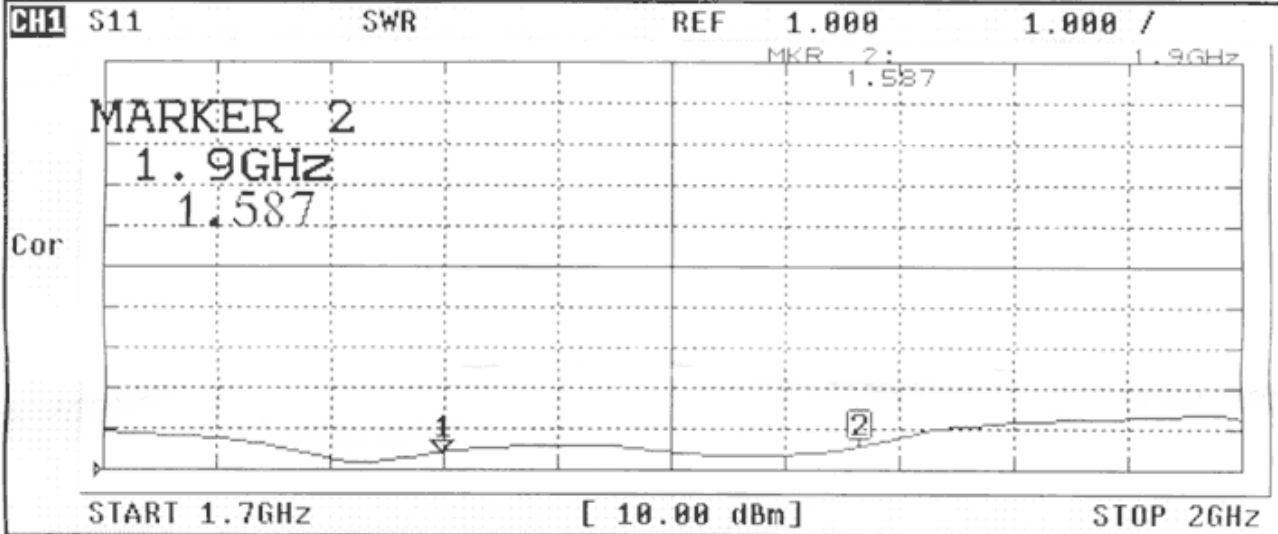
YAGI Antenna 11 dBi MIL

GRADE

- **General.** The LOG/3R Directional Antenna is designed for short and long distance FM Radio & TV microwave links purposes in 1.75 – 1.85 GHz frequency ranges. The antenna is made with non-corrosive aluminum alloy and composed of 25 elements, one polyester radome and a mounting bracket.
- **Horizontal or Vertical polarization** is possible with the standard mounting brackets.
- **Water, icing and moisture protection.** The internal elements are protected against water, icing and moisture ingress by a sealed polyester radome.
- **Instant installation.** The reduced overall dimensions and the low weight permit an easy installation even on light poles.
- **Lightning resistance** is guaranteed by the DC ground potential of the entire antenna.



Electrical and Mechanical Specifications	
Frequency	1750-1850 MHz
Gain	11.5 dBi
-3 dBi Beam Width	24 - 32 degrees
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Short
VSWR	< 1.12:1 avg.
Weight	1 lb.
Dimensions	18" x 3.6" x 1.2"
Polarization	Vertical and Horizontal
Radome Material	Polyester
Operating Temperature	-40° C to to 85° C(-40° F to 185° F)
Polarization	Vertical and Horizontal
Connector	N type



CH1 MARKER LIST

1:	1.790 000GHz	1.434
2:	1.900 000GHz	1.587