



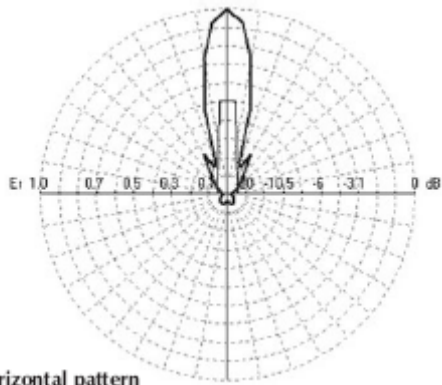
LOG2/GR 1.75-1.85 GHz High Performance LAN YAGI Antenna 18 dBi

- **General.** The LOG/2GR Directional Antenna is designed for short 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 27 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.

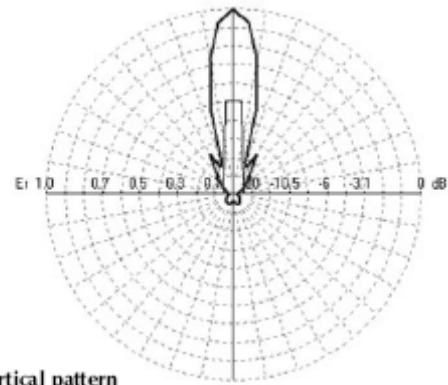


Electrical and Mechanical Specifications	
Frequency	1750-1850 MHz
Gain	18 dBi
-3 dBi Beam Width	24 - 32 degrees
Impedance	50 Ohm
Max. Input Power	300 Watts
Lightning Protection	DC Short
VSWR	< 1.12:1 avg.
Weight	8 lbs. (4 kg)
Dimensions	1150 x 100 (mm)
Polarization	Vertical and Horizontal
Radome Material	Polyester
Operating Temperature	-40° C to to 85° C(-40° F to 185° F)
Polarization	Vertical and Horizontal
Connector	N type

RF Antenna Gain Patterns

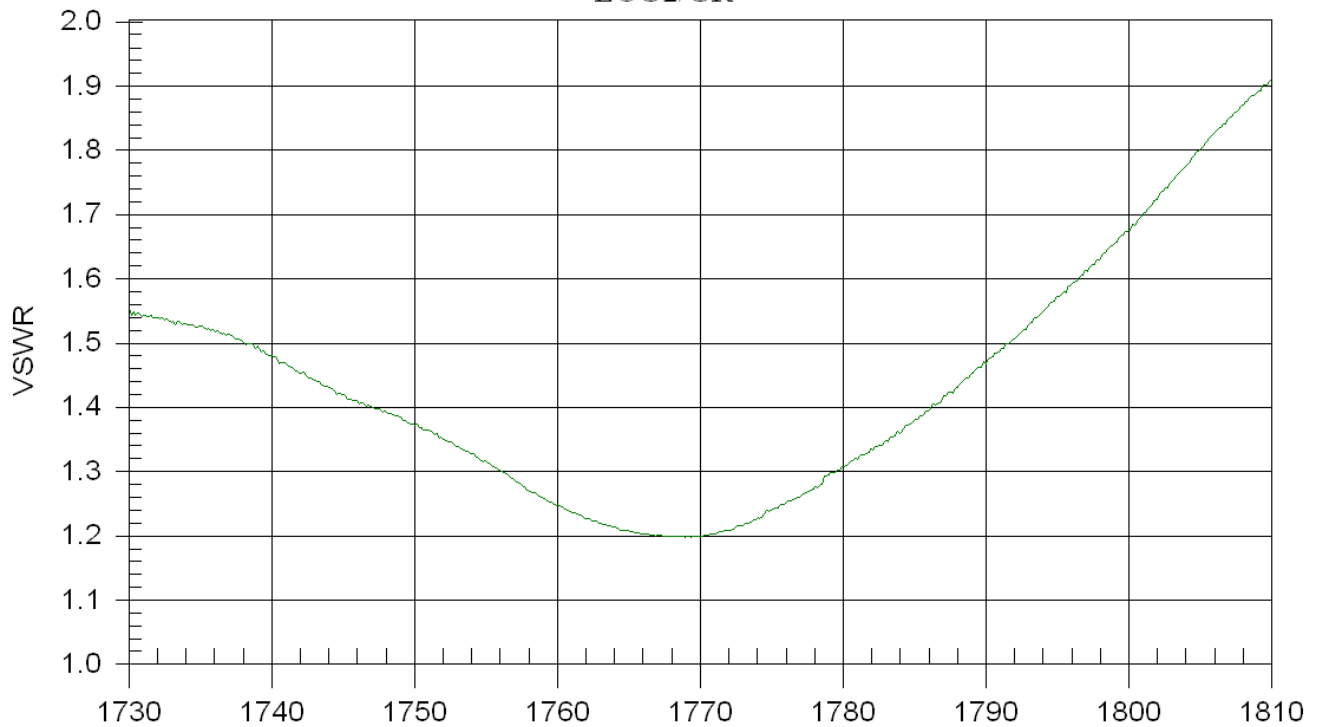


Horizontal pattern



Vertical pattern

VSWR LOG2/GR



Frequency (1730.0 - 1810.0 MHz)