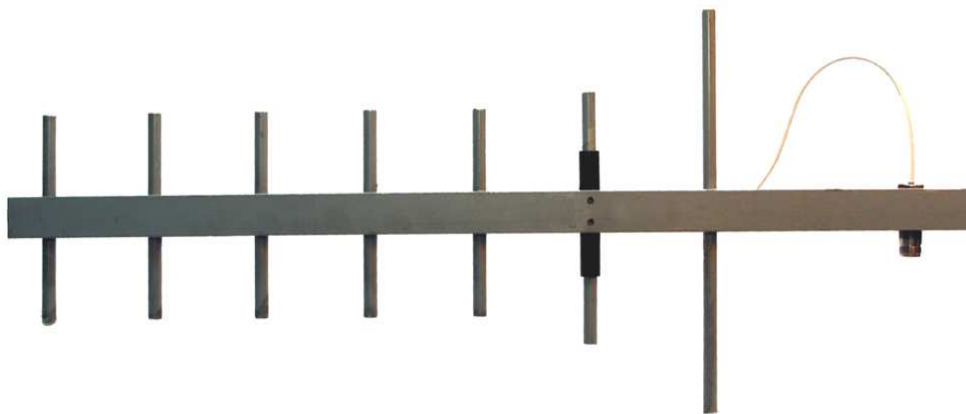


Base station antenna

BSY 900



The universal transmitting and receiving antenna for UHF band. Rigid and light construction is made of welded aluminum and powder painting. A bandwidth of 200 MHz allows the use in many control and data transfer systems, GSM and wireless phones. The BSY 900 antennas perfectly work in point-to-point networks as well as with an omnidirectional antennas, for example the BS 800 or the BS SHF.

ELECTRICAL

Gain	10.0 dB
Radiation pattern	directional
Impedance	50 Ω
Antenna type	YAGI, 7 elements
VSWR	≤1,5
Maximum power	100 W
Frequency range	800-1000 MHz
Front to back ratio	18 dB
Horizontal radiation pattern code (H-plane)	030EB10 (CEPT Recommendation T/R 25-08)
Vertical radiation pattern code (E-plane)	020EB13 (CEPT Recommendation T/R 25-08)

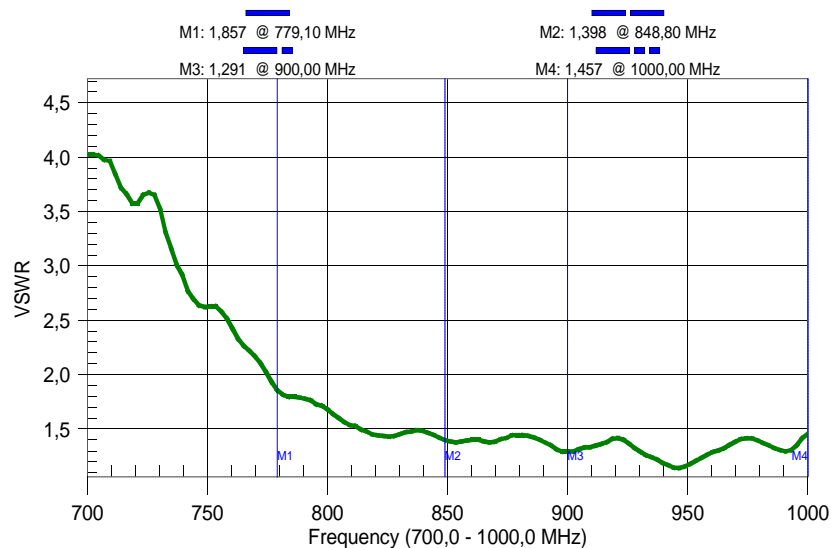
MECHANICAL

Connector type	BNC, N , TNC
Material	Aluminum, welded
Polarization	vertical
Diameter of mounting mast	40.0 mm
Weight	1.0 kg
Lightning protection	DC-grounded
Total length	660.0 mm
Warranty period	12 months
Packaging	Carton box
Wind speed	40 m/s

CLIMATIC CONDITIONS

Temperature range	-40°C ÷ +70°C
Humidity	≤ 100% at +40°C

VSWR BSY 900

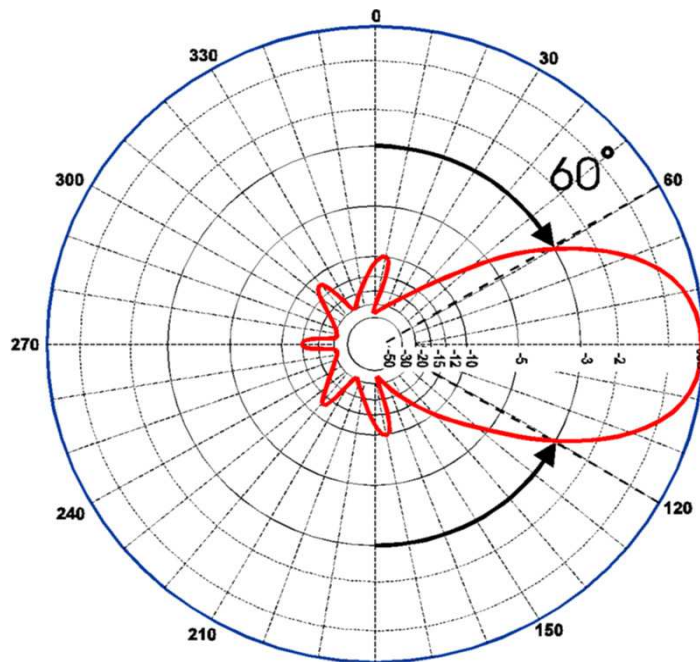


Resolution: 130
Date:
Model: S331A

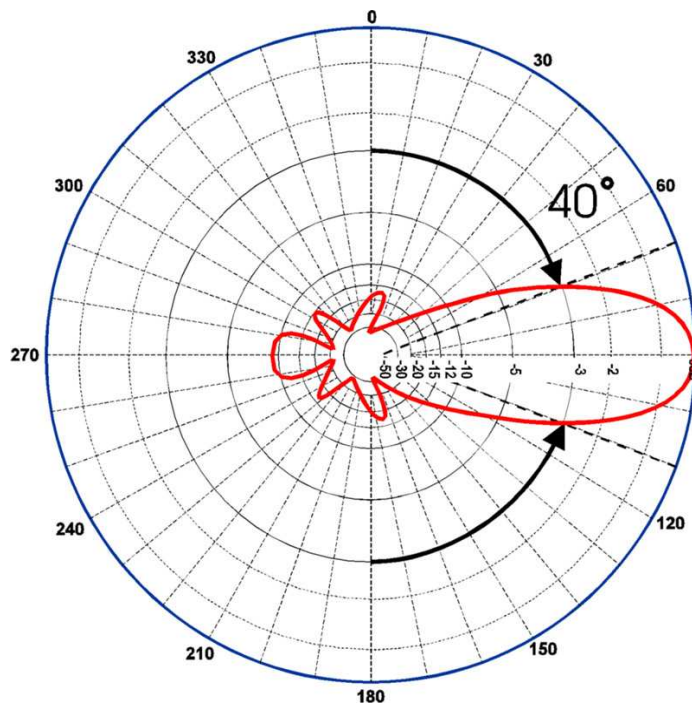
CAL:ON(COAX)
Time:
Serial #: 00036029

CW: OFF
Smoothing: 0

VSWR



Horizontal radiation pattern



Vertical radiation pattern



P.U.P. Net-Com

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