

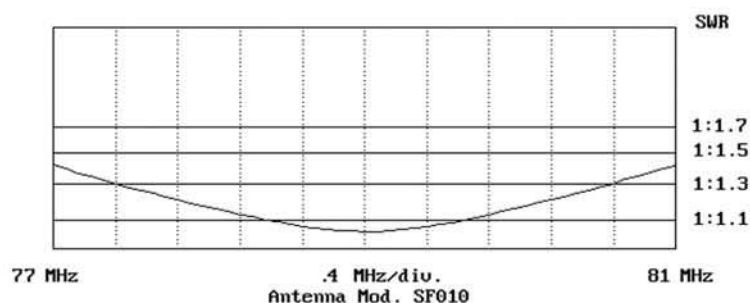
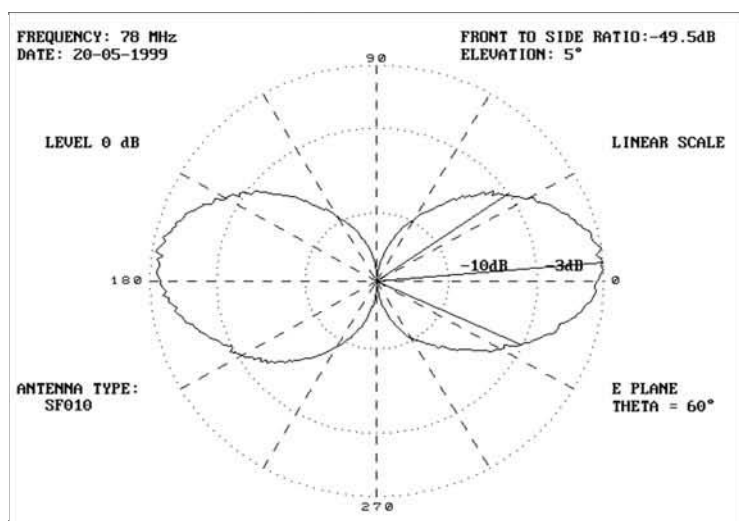
Gain Antenna, anticorodal radiator, anchor clamp supplied.
Lightning protection
Tuning by telescopic adjustment

* See frequency table

MAIN CHARACTERISTICS

Type	: 3/4
Frequency range	: 69 - 73 MHz A*
	: 73 - 77 MHz B
	: 77 - 81 MHz D
	: 81 - 85 MHz E
	: 85 - 89 MHz F
	: 89 - 93 MHz G
	: 93 - 97 MHz H
	: 97 - 101 MHz I
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 60°
Maximum rated RF power	: 200 watt
Polarization	: Vertical
Gain	: 2 dBd
Type of connection	: UHF female
Mounting hole	: From 30 to 40 mm master tube
Rod material	: Anodized aluminium
Wind resistance	: 120 km/h
Lenght	: 3120 mm
Net weight	: 1500 g

RADIATION PATTERN



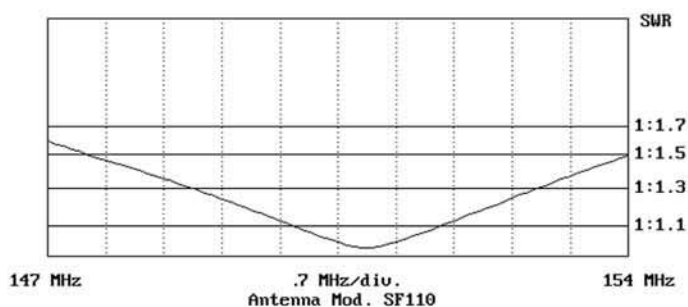
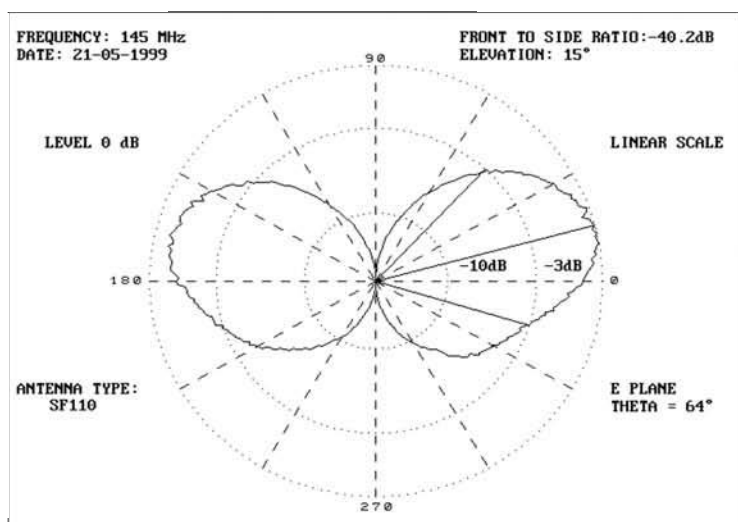
Gain Antenna, anticorodal radiator, anchor clamp supplied.
Lightning protection
Pretuned

* See frequency table

MAIN CHARACTERISTICS

Type	: 3/4
Frequency range	: 143 - 148 MHz A*
	: 146 - 151 MHz B
	: 149 - 154 MHz D
	: 153 - 158 MHz E
	: 157 - 162 MHz F
	: 161 - 166 MHz G
	: 165 - 170 MHz H
	: 169 - 174 MHz I
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 64°
Maximum rated RF power	: 200 watt
Polarization	: Vertical
Gain	: 2 dBd
Type of connection	: UHF female
Mounting hole	: From 30 to 40 mm master tube
Rod material	: Anodized aluminium
Wind resistance	: 120 km/h
Lenght	: From 1300 mm to 1520 mm (frequency depending)
Net weight	: 660 g

RADIATION PATTERN

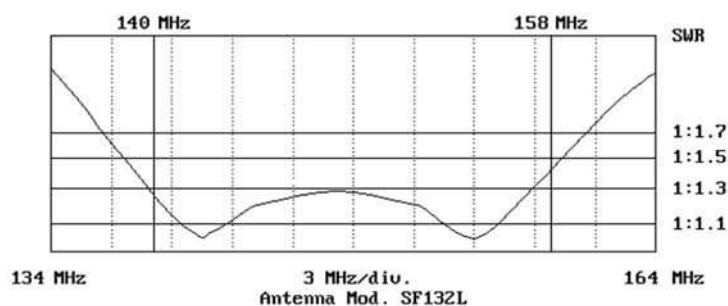
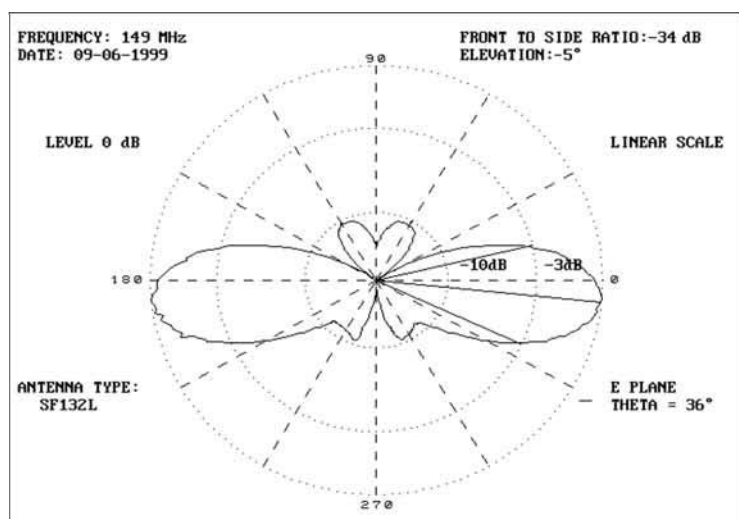


Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

MAIN CHARACTERISTICS

Type	: 2 el. colinear
Frequency range	: 140 - 158 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 36°
Maximum rated RF power	: 200 watt cont. 400 watt peak
Polarization	: Vertical
Gain	: 2.5 dBd
Type of connection	: N female
Mounting hole	: From 30 to 62 mm master tube
Anchor treatment	: Alodine 1200
Wind resistance	: 50 m/sec.
Length	: 2900 mm
Net weight	: abt. 3000 g
Working temperature	: From -40° to +55°

RADIATION PATTERN



COLINEAR 3 dB OMNIDIRECTIONAL ANTENNA 142 ... 160 MHz

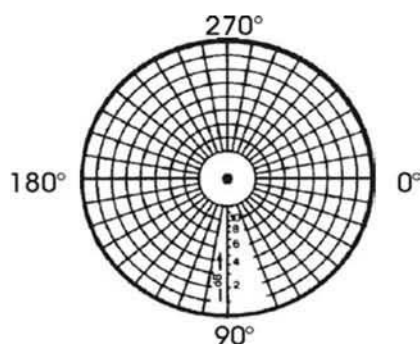
R-F 331 NG

Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

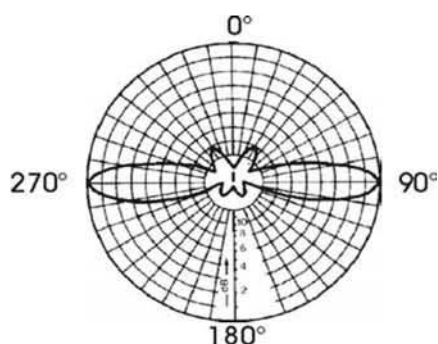
MAIN CHARACTERISTICS

Frequency range	: 142 - 160 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 21°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 3 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 2450 mm
Net weight	: abt. 2400 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS

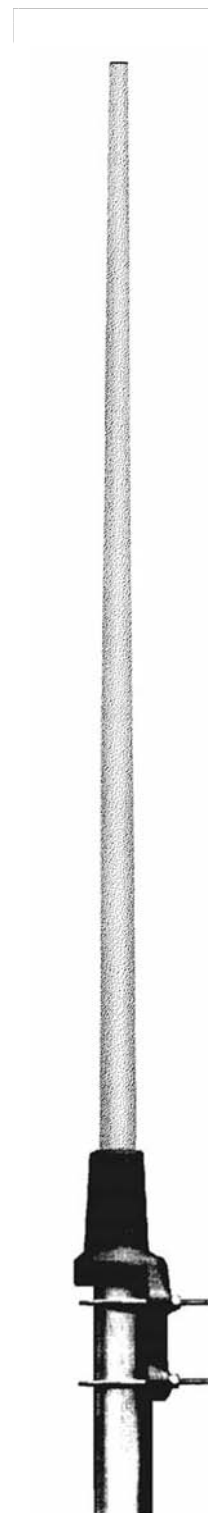
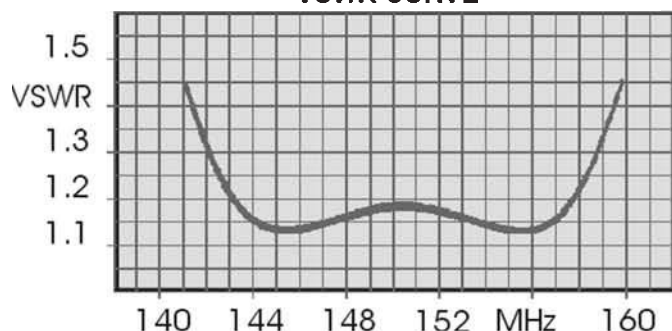


H - PLANE



E - PLANE

VSWR CURVE

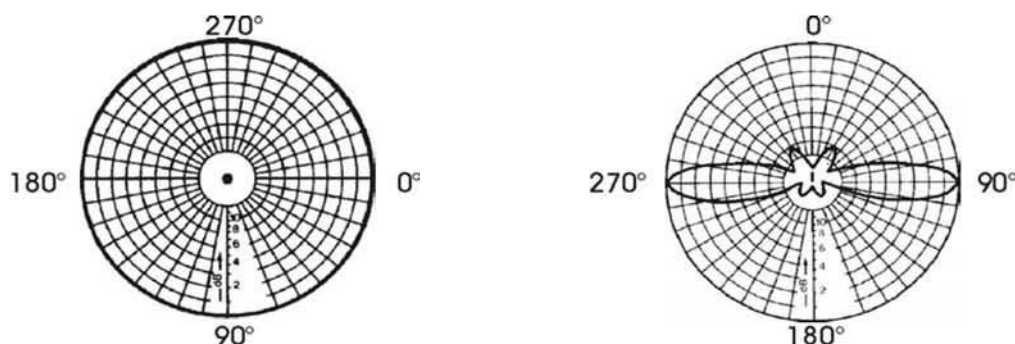


Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

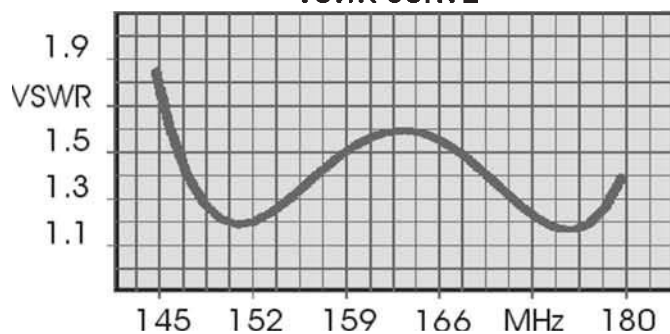
MAIN CHARACTERISTICS

Frequency range	: 147 - 173 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.6
Beamwidth -3 dB	: 30°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 3 dBd over 1/2 wave dipole
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Lenght	: 2450 mm
Net weight	: abt. 2400 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS



VSWR CURVE

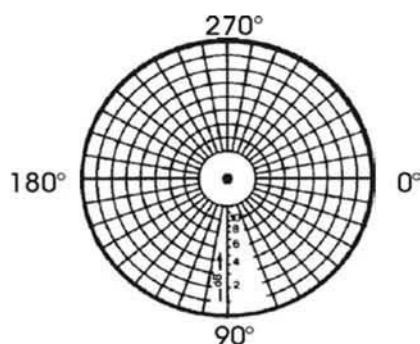


Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

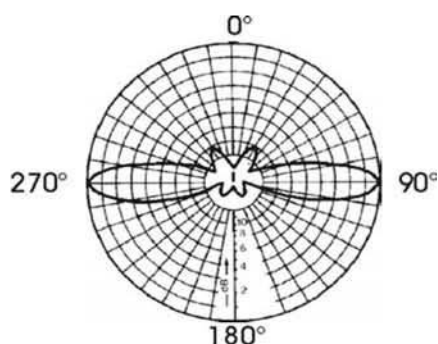
MAIN CHARACTERISTICS

Frequency range	: 154 - 170 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 21°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 4 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 2450 mm
Net weight	: abt. 2400 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS

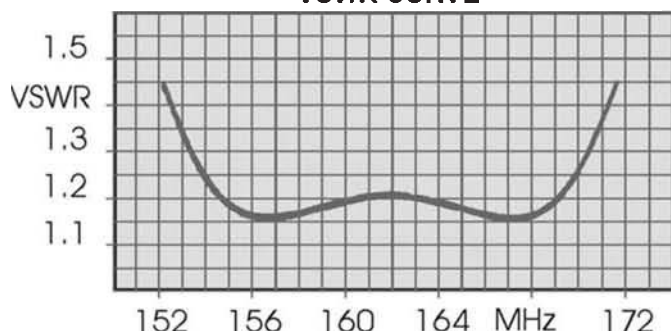


H - PLANE



E - PLANE

VSWR CURVE

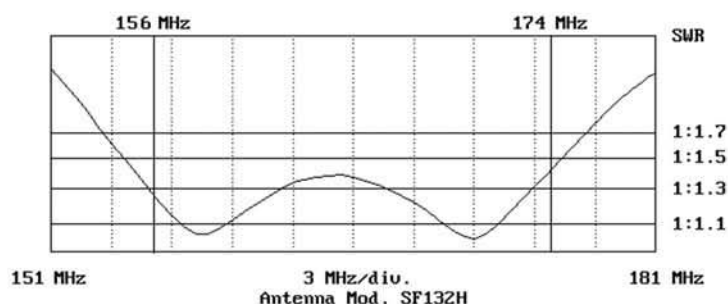
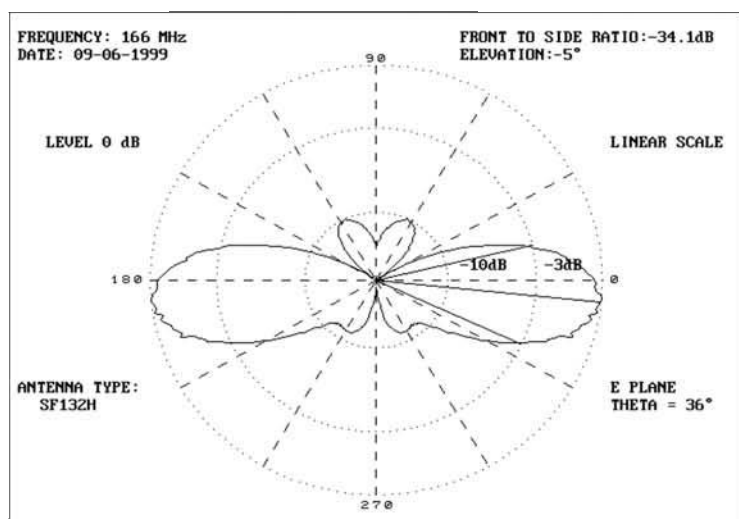


Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

MAIN CHARACTERISTICS

Type	: 2 el. colinear
Frequency range	: 156 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 36°
Maximum rated RF power	: 200 watt cont. 400 watt peak
Polarization	: Vertical
Gain	: 2.5 dBd
Type of connection	: N female
Mounting hole	: From 30 to 62 mm master tube
Anchor treatment	: Alodine 1200
Wind resistance	: 180 km/h
Length	: 2710 mm
Net weight	: abt. 2800 g
Working temperature	: From -40° to +55°

RADIATION PATTERN

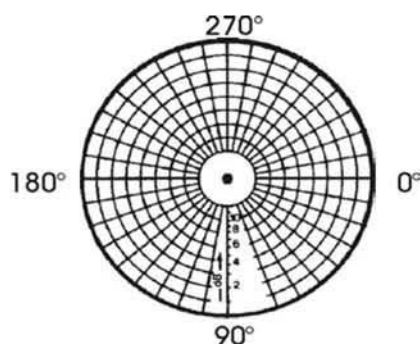


Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

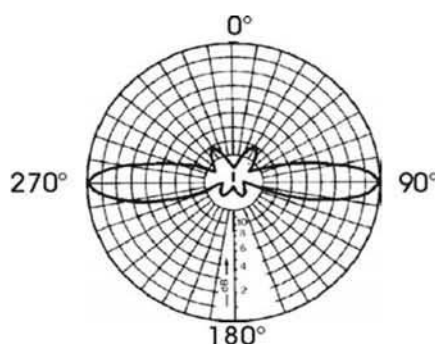
MAIN CHARACTERISTICS

Frequency range	: 158 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 21°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 4 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 2450 mm
Net weight	: abt. 2400 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS

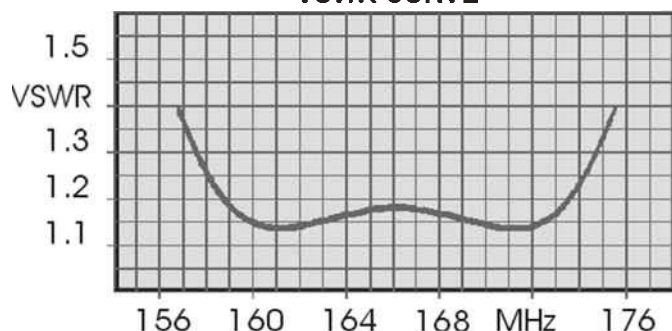


H-PLANE



E-PLANE

VSWR CURVE

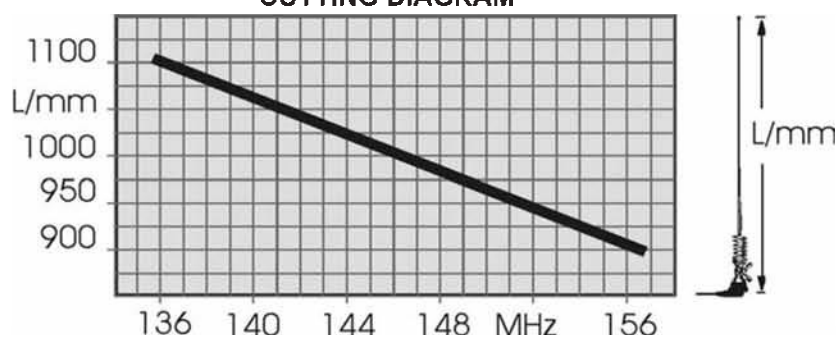


Stainless steel antenna.
Tuning by whip cutting.

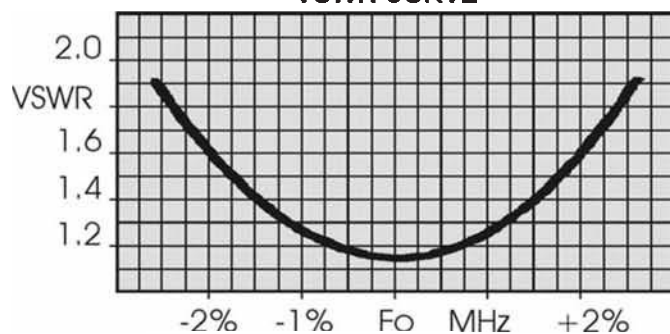
MAIN CHARACTERISTICS

Frequency range	: 136 - 156 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 2
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N male pressurized
Whip material	: 17/7 PH passivated - conical
Net weight	: 95 g
Length	: 1110 mm
Working temperature	: From -35° to +80°

CUTTING DIAGRAM



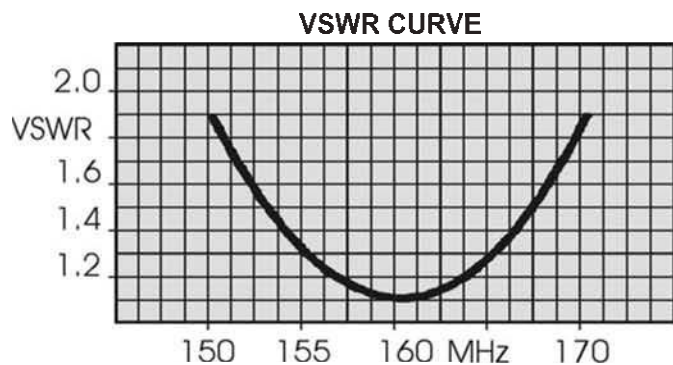
VSWR CURVE



Stainless steel antenna.

MAIN CHARACTERISTICS

Frequency range	: 150 - 170 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 2
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N male
Whip material	: 17/7 PH passivated - conical steel AISI 304
Net weight	: 62 g
Length	: 445 mm
Working temperature	: From -35° to +80°

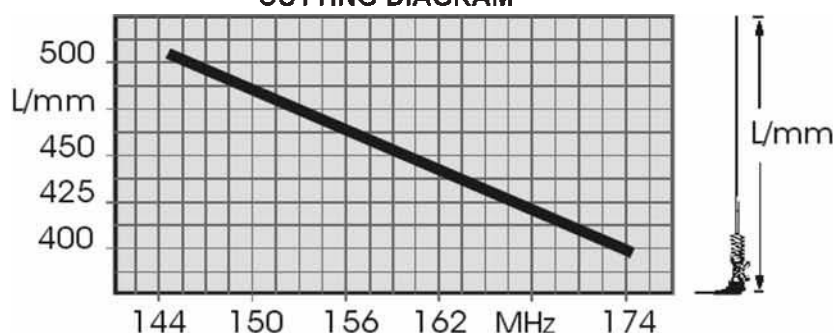


Stainless steel antenna.
Tuning by whip cutting.

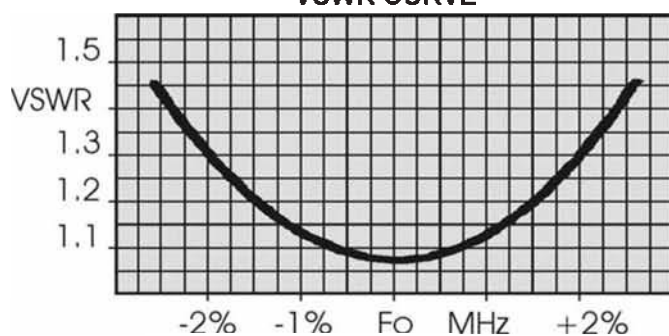
MAIN CHARACTERISTICS

Frequency range	: 154 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N male pressurized (waterproof IP 65)
Whip material	: 17/7 PH passivated - conical
Net weight	: 95 g
Length	: 970 mm
Working temperature	: From -35° to +80°

CUTTING DIAGRAM



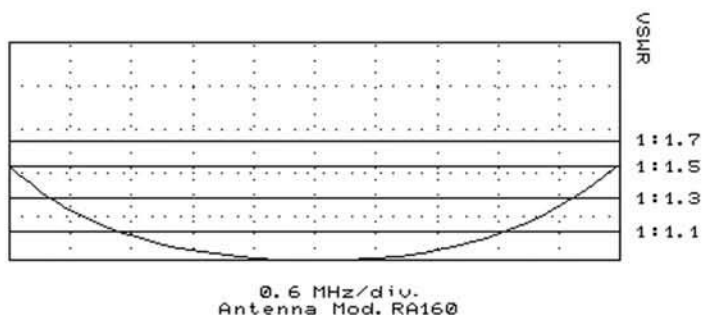
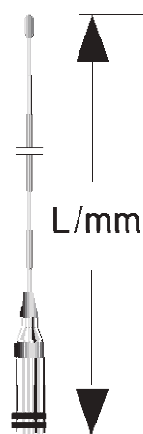
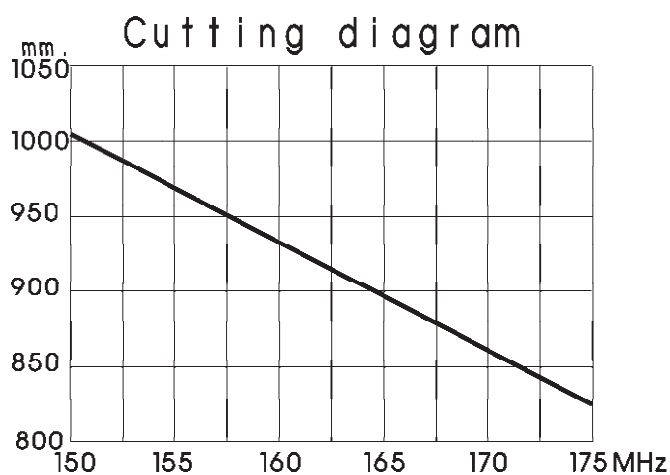
VSWR CURVE



Extra light, rugged construction 1/2 wave
whip antenna, no ground plane requested.

MAIN CHARACTERISTICS

Type	: 1/2
Frequency range	: 154 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 200 watt cont. 400 watt peak
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: UHF PL259 RA 160/PL : N male RA 160/N
Mounting hole	: From 30 to 62 mm master tube
Whip material	: Inox steel
Wind resistance	: 180 km/h
Lenght	: 1010 mm
Net weight	: abt. 150 g
Working temperature	: From -35° to +80°



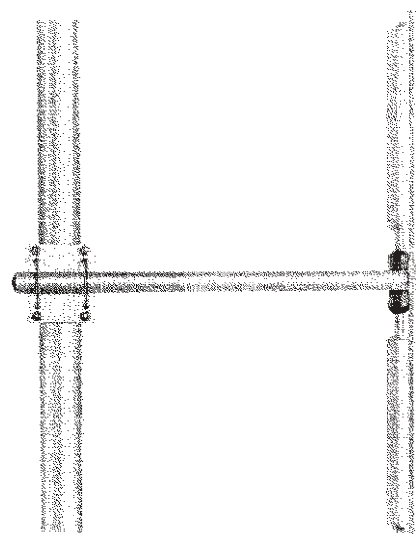
WIDEBAND HALF WAVE DIPOLE 68 ... 80 MHz

R-Y 010 NE

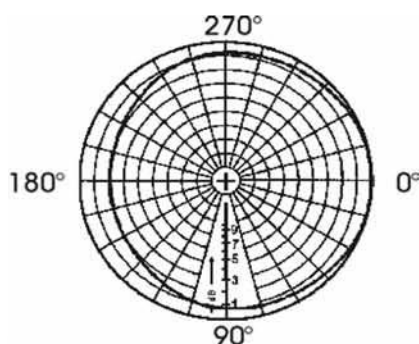
Light weight wideband half wave dipole.
All parts of the antenna are grounded.
With DC grounded lightning protection

MAIN CHARACTERISTICS

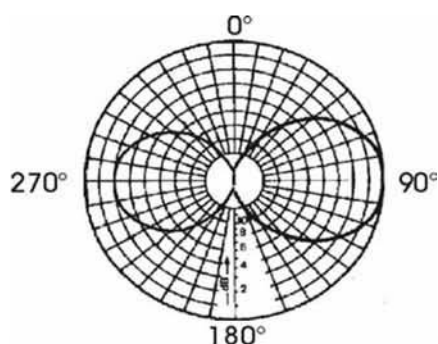
Frequency range	: 68 - 80 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 74°
Maximum rated RF power	: 150 watt
Polarization	: Vertical or Horizontal
Gain	: 1 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Boom material	: Aluminium alloy DIN 3.2315
Elements material	: Aluminium alloy DIN 3.2306
Wind resistance	: 120 km/h
Dimensions	: 1515 x 1820 mm
Net weight	: abt. 3600 g
Working temperature	: From -35° to 180°



RADIATION PATTERNS

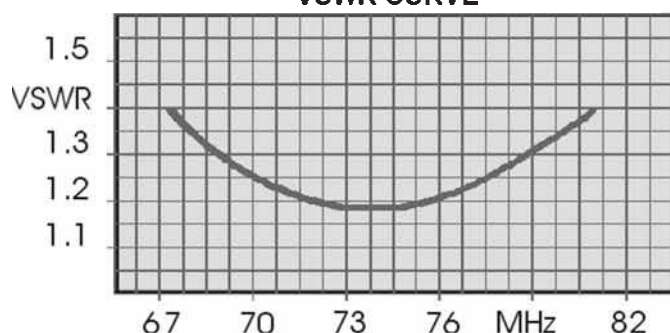


H - PLANE



E - PLANE

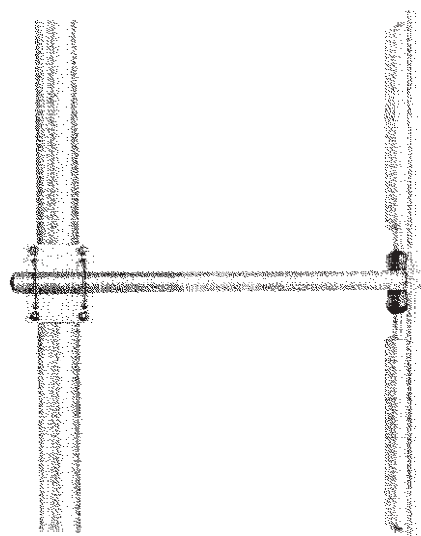
VSWR CURVE



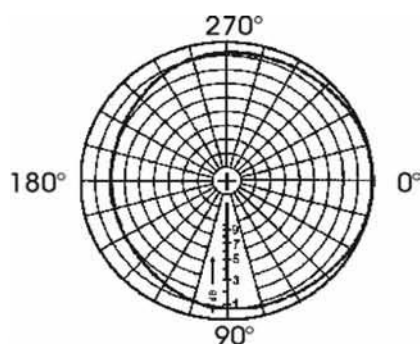
Light weight wideband half wave dipole.
All parts of the antenna are grounded.
With DC grounded lightning protection

MAIN CHARACTERISTICS

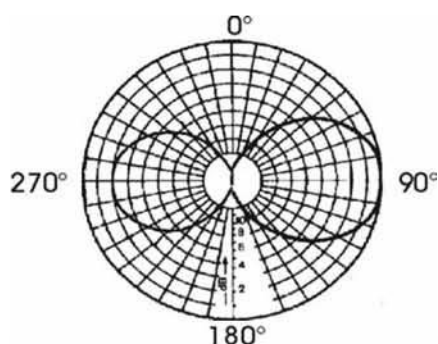
Frequency range	: 144 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 74°
Maximum rated RF power	: 150 watt
Polarization	: Vertical or Horizontal
Gain	: 1 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Boom material	: Aluminium alloy DIN 3.2315
Elements material	: Aluminium alloy DIN 3.2306
Wind resistance	: 160 km/h
Dimensions	: 615 x 820 mm
Net weight	: abt. 2400 g
Working temperature	: From -35° to +80°



RADIATION PATTERNS

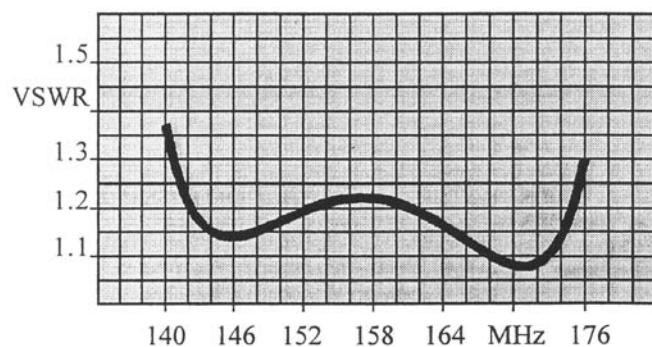


H - PLANE



E - PLANE

VSWR CURVE



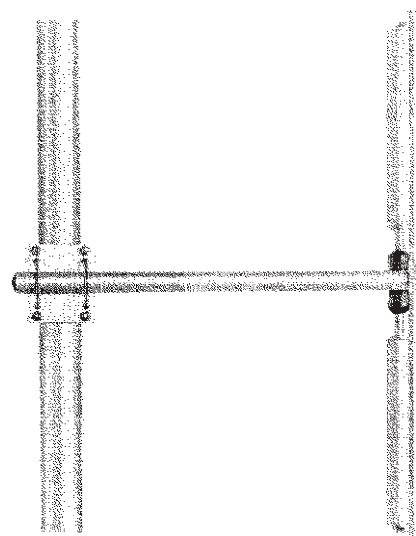
WIDEBAND HALF WAVE DIPOLE 230 ... 280 MHz

R-Y 010 NL

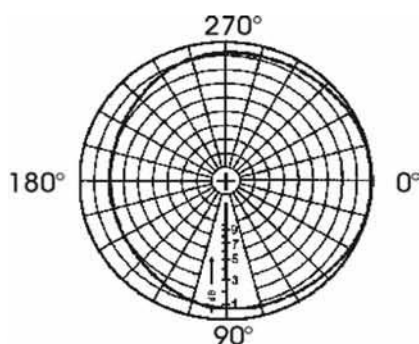
Light weight wideband half wave dipole.
All parts of the antenna are grounded.
With DC grounded lightning protection

MAIN CHARACTERISTICS

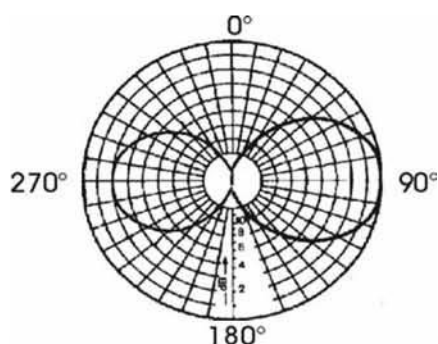
Frequency range	: 230 - 280 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 74°
Maximum rated RF power	: 150 watt
Polarization	: Vertical or Horizontal
Gain	: 1 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Boom material	: Aluminium alloy DIN 3.2315
Elements material	: Aluminium alloy DIN 3.2306
Wind resistance	: 160 km/h
Dimensions	: 500 mm
Net weight	: abt. 2100 g
Working temperature	: From -35° to 180°



RADIATION PATTERNS

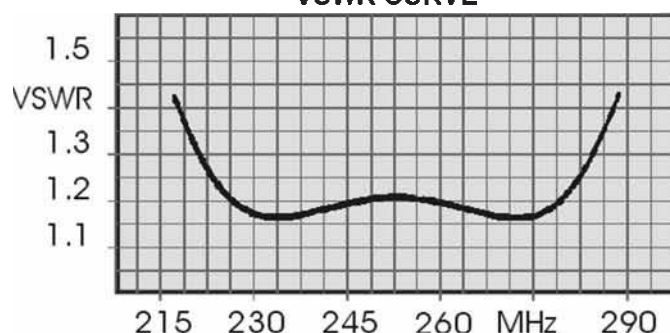


H - PLANE



E - PLANE

VSWR CURVE



HALF WAVE DIPOLE VERTICAL ANTENNA 70 ... 75 MHz

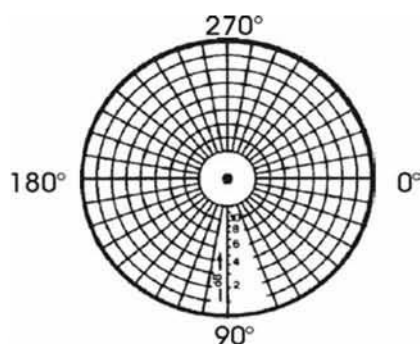
R-F 131 NE

Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

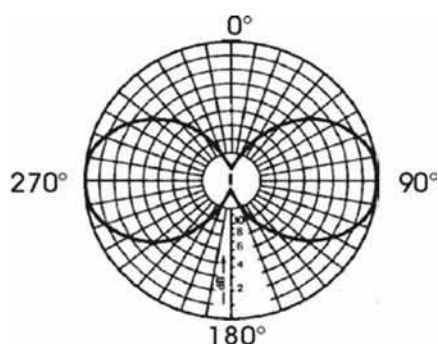
MAIN CHARACTERISTICS

Frequency range	: 70 - 75 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 78°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 2450 mm
Net weight	: abt. 2600 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS

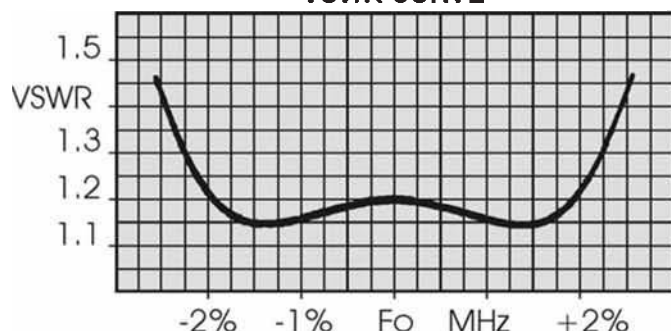


H - PLANE



E - PLANE

VSWR CURVE

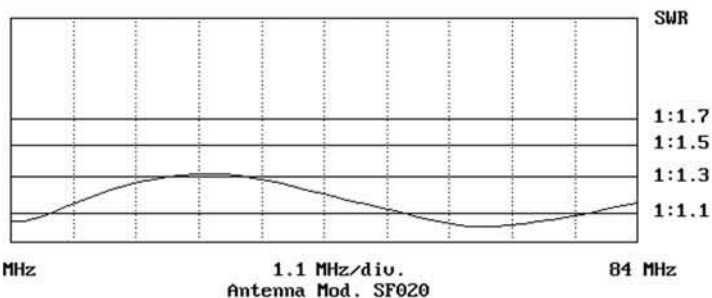
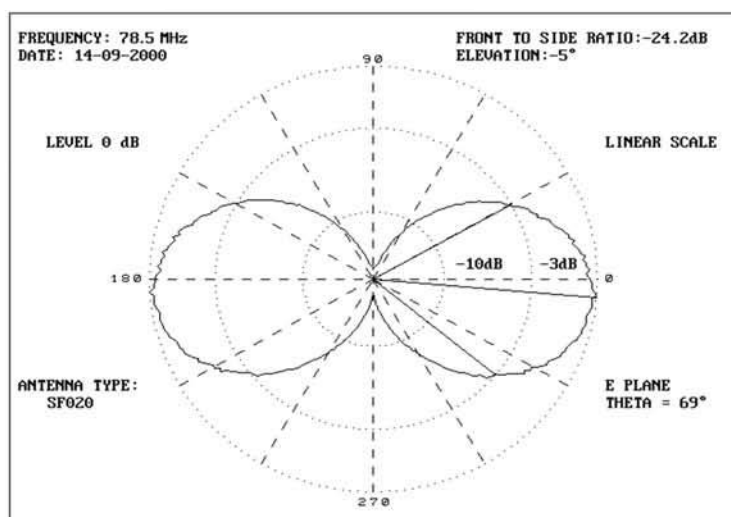


Fiberglass radomized antenna
With lightning protection
and condensing hole

MAIN CHARACTERISTICS

Type	: Coaxial dipole
Frequency range	: 73 - 84 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.7
Beamwidth -3 dB	: 69°
Maximum rated RF power	: 200 watt cont. 400 watt peak
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 30 to 62 mm master tube
Anchor treatment	: Alodine 1200
Wind resistance	: 120 km/h
Lenght	: 2500 mm
Net weight	: abt. 4000 g
Working temperature	: From -40° to +75°

RADIATION PATTERN

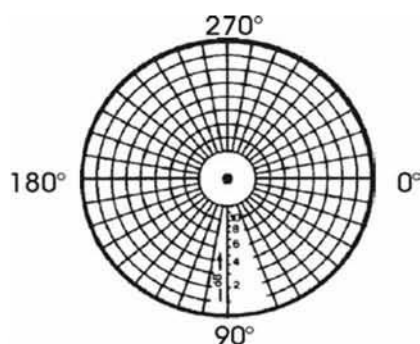


Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

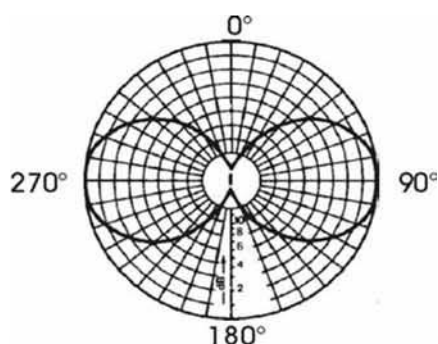
MAIN CHARACTERISTICS

Frequency range	: 75 - 80 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 78°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 2450 mm
Net weight	: abt. 2600 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS



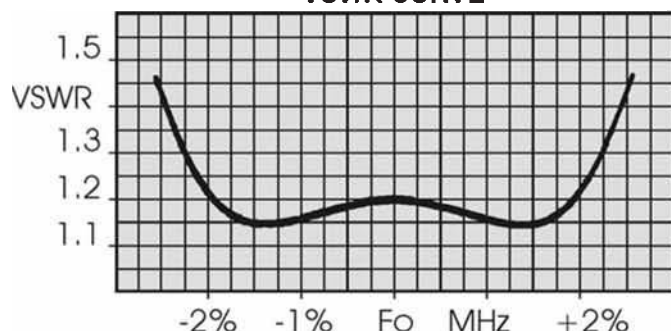
H - PLANE



E - PLANE



VSWR CURVE

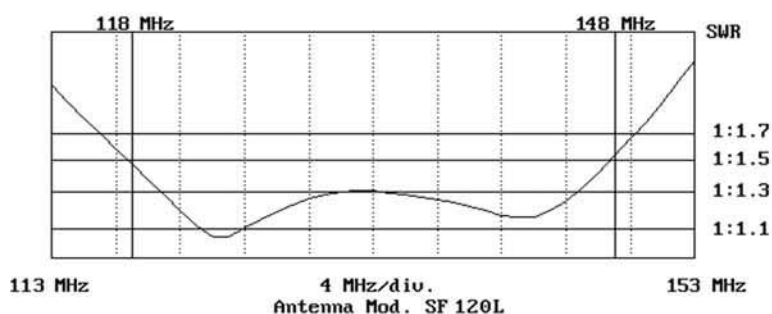
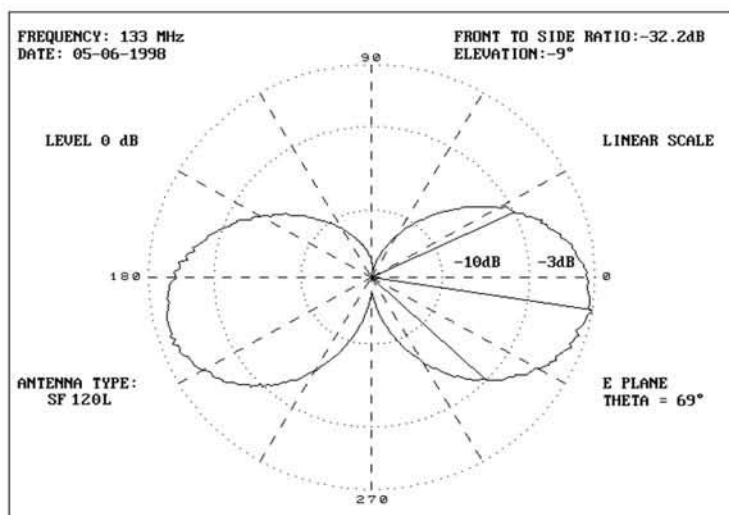


Fiberglass radomized antenna
With lightning protection
and condensing hole

MAIN CHARACTERISTICS

Type	: Coaxial dipole
Frequency range	: 118 - 148 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.7
Beamwidth -3 dB	: 69°
Maximum rated RF power	: 200 watt cont. 400 watt peak
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 30 to 62 mm master tube
Anchor treatment	: Alodine 1200
Wind resistance	: 120 km/h
Length	: 1300 mm
Net weight	: abt. 2000 g
Working temperature	: From -40° to +75°

RADIATION PATTERN



HALF WAVE DIPOLE VERTICAL ANTENNA 136 ... 143 MHz

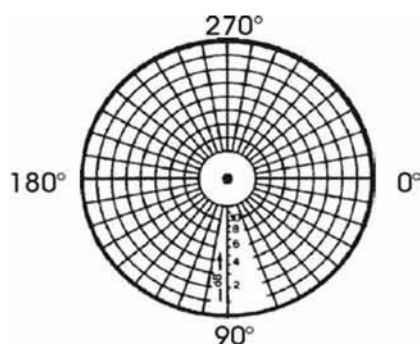
R-F 131 NF

Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

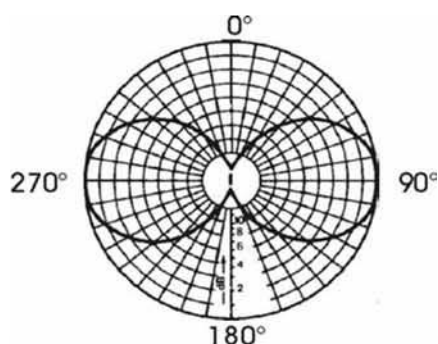
MAIN CHARACTERISTICS

Frequency range	: 136 - 143 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1.5:1
Beamwidth -3 dB	: 78°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 1410 mm
Net weight	: abt. 1200 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS

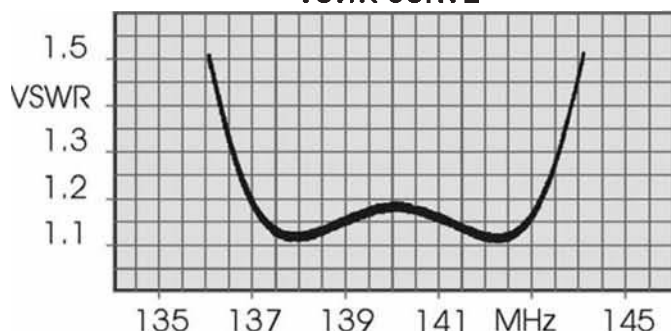


H - PLANE



E - PLANE

VSWR CURVE

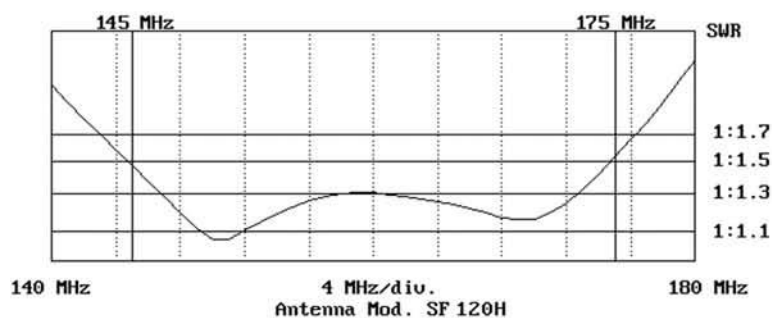
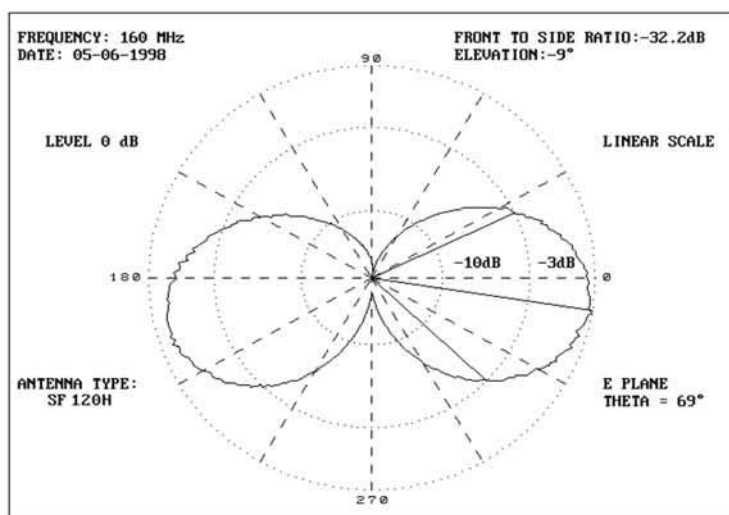


Fiberglass radomized antenna
With lightning protection
and condensing hole

MAIN CHARACTERISTICS

Type	: Coaxial dipole
Frequency range	: 145 - 175 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.7
Beamwidth -3 dB	: 69°
Maximum rated RF power	: 200 watt cont. 400 watt peak
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 30 to 62 mm master tube
Anchor treatment	: Alodine 1200
Wind resistance	: 120 km/h
Lenght	: 1300 mm
Net weight	: abt. 2000 g
Working temperature	: From -40° to +75°

RADIATION PATTERN



HALF WAVE DIPOLE VERTICAL ANTENNA 147 ... 156 MHz

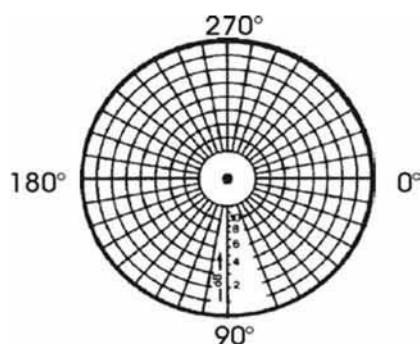
R-F 130 NG

Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

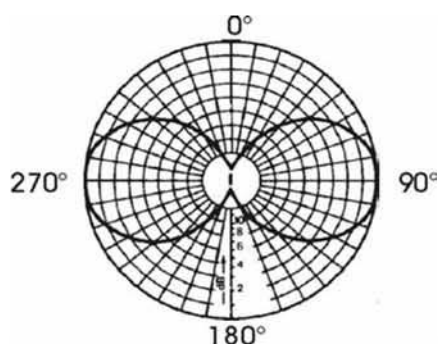
MAIN CHARACTERISTICS

Frequency range	: 147 - 156 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 78°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Length	: 1410 mm
Net weight	: abt. 1200 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS

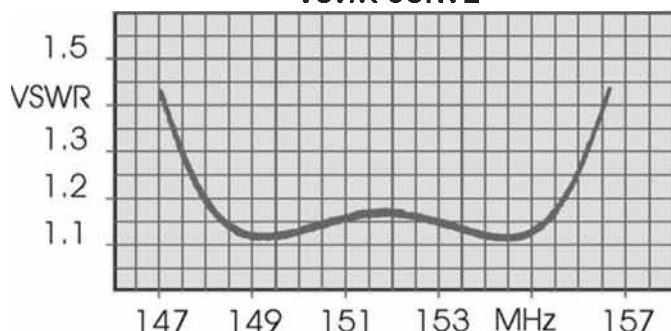


H - PLANE



E - PLANE

VSWR CURVE



HALF WAVE DIPOLE VERTICAL ANTENNA 156 ... 165 MHz

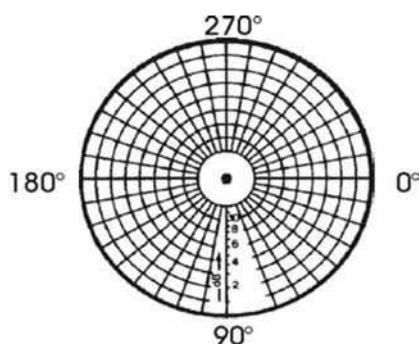
R-F 132 NH

Fiberglass radomized antenna
With DC grounded lightning protection
and condensing hole

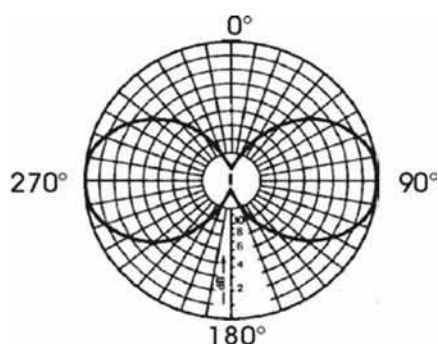
MAIN CHARACTERISTICS

Frequency range	: 156 - 165 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Beamwidth -3 dB	: 78°
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Elements material	: Brass passivated
Wind resistance	: 160 km/h
Lenght	: 1270 mm
Net weight	: abt. 1200 g
Working temperature	: From -35° to +80°

RADIATION PATTERNS



H - PLANE



E - PLANE



VSWR CURVE

