

MARINER 160 S2

MARINER 160 S3

Features:

- # Marine antenna, Mono-band
- # Omnidirectional
- # MARINER 160 S2 Unity-gain,
MARINER 160 S3 Low-gain
- # Designed to work without Ground Plane
- # Protection from static discharges
DC-Ground
- # Stainless steel hardware
- # High quality white fiberglass whip

Specifications

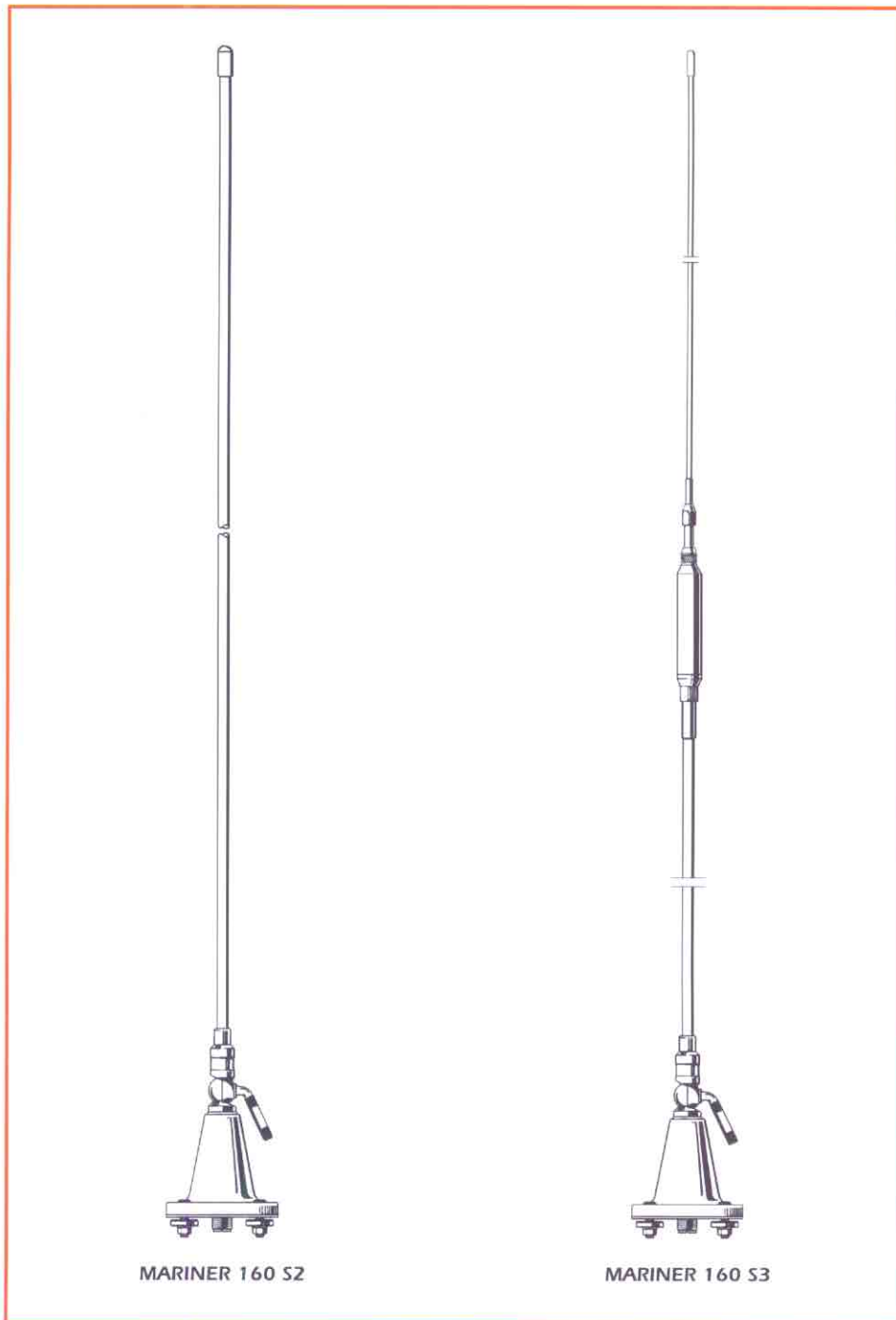
Electrical Data

Type	
MARINER 160 S2	1/2 λ
MARINER 160 S3	2 x 1/2 λ Colinear
Frequency Range at V.S.W.R. \leq 2:1	
MARINER 160 S2	155-162 MHz
MARINER 160 S3	155-160.6 MHz
Impedance	50 Ω Unbalanced
Radiation (H-plane)	360° Omnidirectional
Radiation (E-plane)	
MARINER 160 S2	Beamwidth at -3 dB = 60°
MARINER 160 S3	Beamwidth at -3 dB = 35°
Radiation angle deg.	
MARINER 160 S2	23°
MARINER 160 S3	-14°
Polarization	Vertical
Gain	
MARINER 160 S2	0 dBd, 2.15 dBi
MARINER 160 S3	2 dBd, 4.15 dBi
Bandwidth at V.S.W.R. 2:1	
MARINER 160 S2	6.7 MHz
MARINER 160 S3	5.6 MHz
V.S.W.R. at res. freq.	\leq 1.2:1
Max Power	100 Watts
Feed System / Position	Transformer DC-ground / Base
Connector Type	UHF-Female

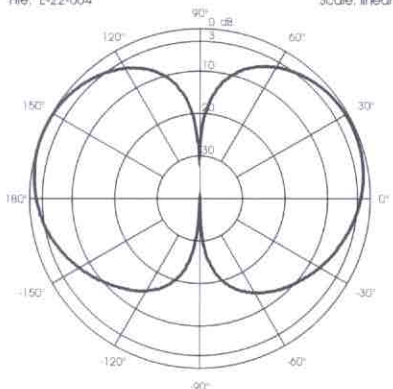
Mechanical Data

Materials	Glass Fibre, Chromed Brass, Nylon
Height (approx.)	
MARINER 160 S2	900 mm
MARINER 160 S3	2020 mm
Weight (approx.)	
MARINER 160 S2	420 gr
MARINER 160 S3	530 gr

code 2300320.82 **MARINER 160 S2**
code 2301620.82 **MARINER 160 S3**

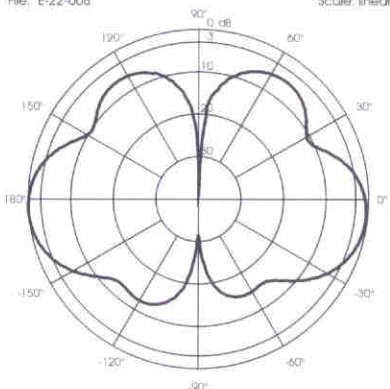


TYPICAL RADIATION PATTERN in E-plane at 158 MHz
File: E-22-004 Scale: linear



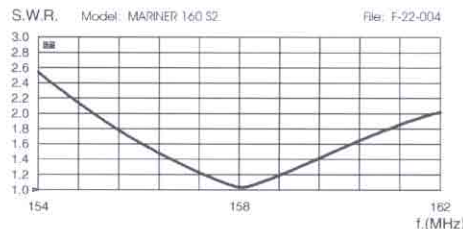
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TYPICAL RADIATION PATTERN in E-plane at 158 MHz
File: E-22-008 Scale: linear



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TYPICAL S.W.R. RESPONSE



TYPICAL S.W.R. RESPONSE

