

The Scala GP-FM omnidirectional groundplane antenna is intended for use in professional fixed-station applications in the FM band. It features:

- A design with decades of proven reliability.
- Anodized 6061-T6 aluminum pipe and rod construction.
- Heavy-duty aluminum castings.
- Easy assembly.
- Entire antenna at DC ground potential.
- Stainless steel hardware and fastenings.

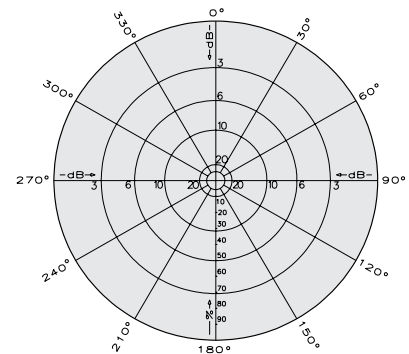
Specifications:

Frequency range	88 to 108 MHz (specify frequency)
Gain	0 dBd
Power gain	1
Impedance	50 ohms
VSWR	<1.3:1 maximum at $F_c \pm 2\%$ <1.5:1 maximum at $F_c \pm 5\%$
Polarization	Vertical
Maximum input power	250 watts (at 50°C)
H-plane beamwidth	Omni
Connector	N female (mates with UG-21/U)
Weight	10 lb (4.4 kg)
Height	61 in (1549 mm)
Wind load	at 100 mph (160 kph)
Front	26 lbf (115 N)
Wind survival rating*	120 mph (200 kph)
Mounting	For masts of 2.375 inches (60 mm) OD.

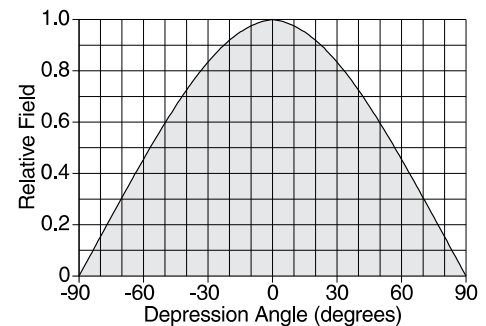
* Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

Order Information:

Contact Scala Customer Service for detailed order information.



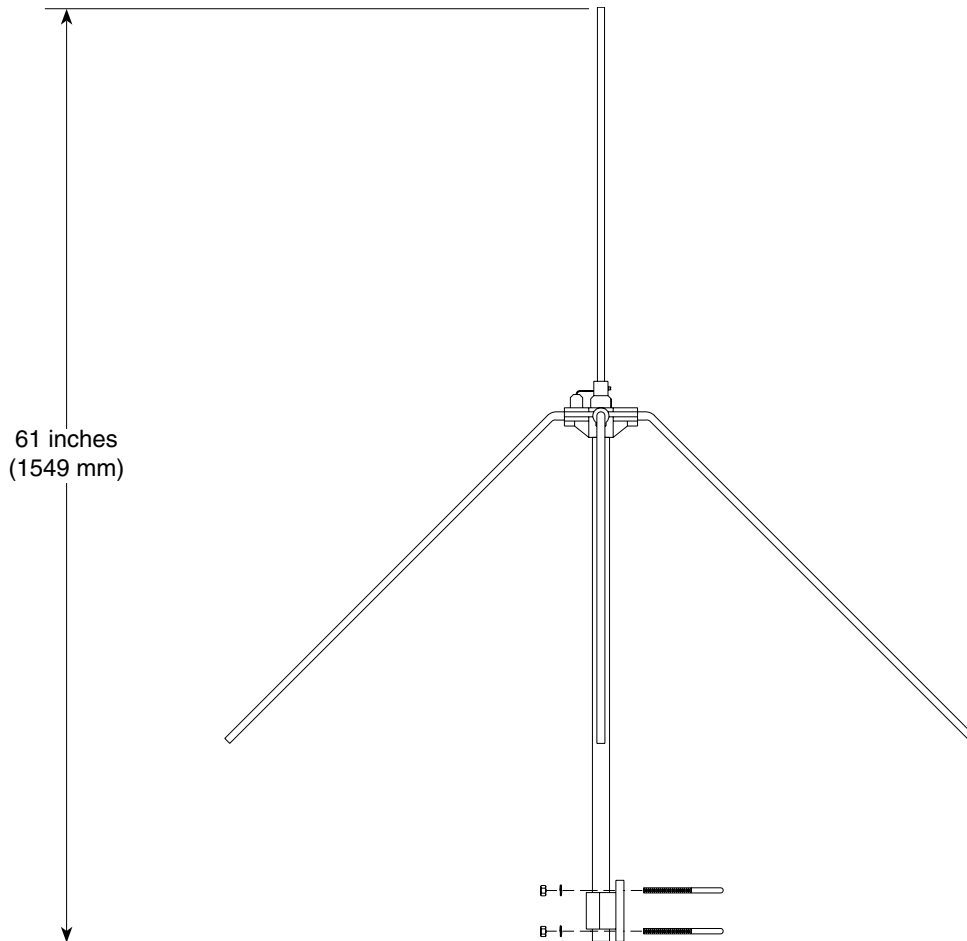
H-plane
Horizontal pattern – V-polarization



E-plane
Vertical pattern – V-polarization



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All specifications are subject to change without notice. The latest specifications are available at www.kathrein-scala.com.

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