

GP-FM
OMNIDIRECTIONAL ANTENNA
0 dBd gain
88 to 108 MHz

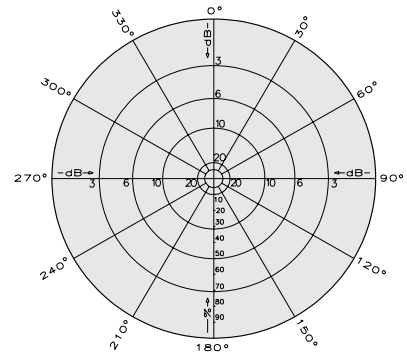
The Scala GP-FM omnidirectional groundplane antenna is intended for use in professional fixed-station applications in the FM band. It features:

- 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)
Equivalent flat plate area	0.477 ft ² (0.396 m ²)
Wind survival rating*	120 mph (200 kph)
Mounting	For masts of 2.375 inches (60 mm) OD.

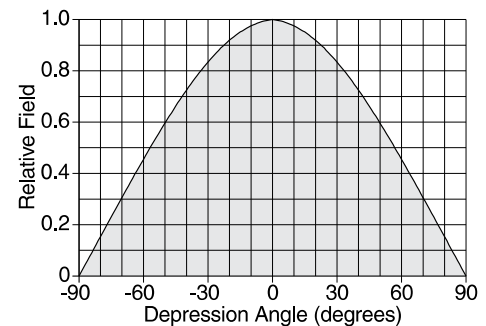
* Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.



H-plane
Horizontal pattern – V-polarization

Order Information:

Contact Scala Customer Service for detailed order information.

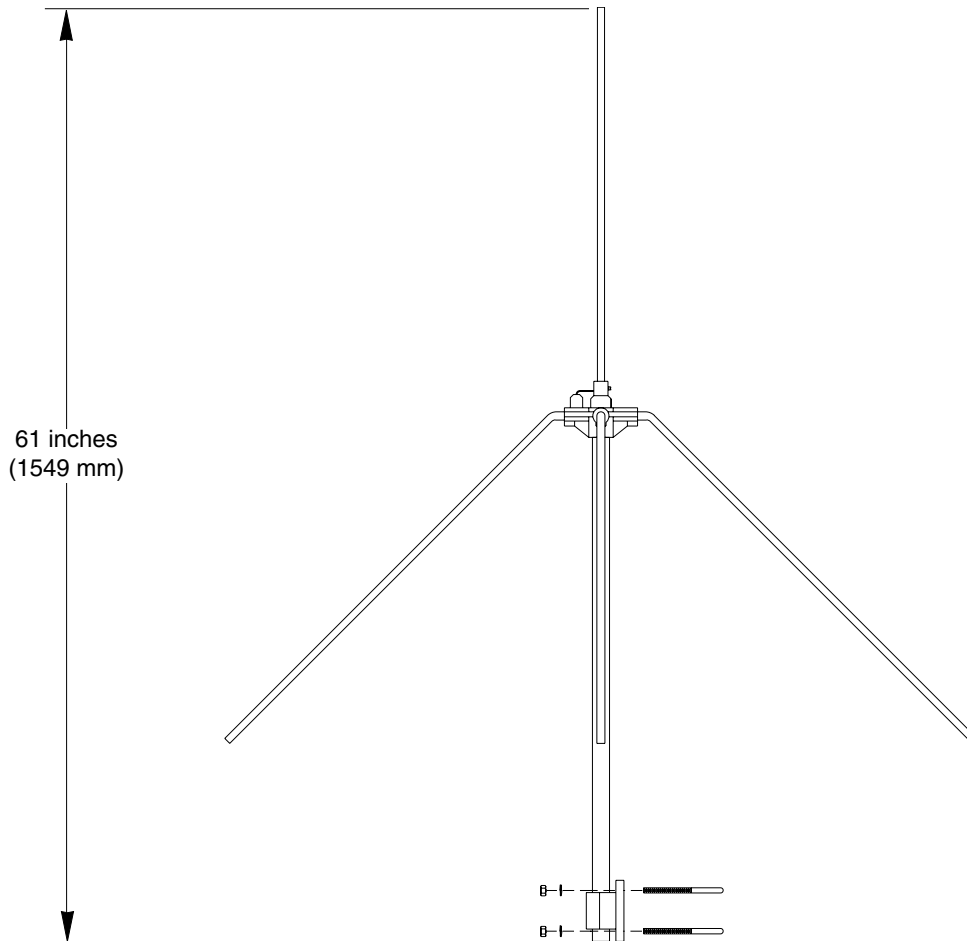


E-plane
Vertical pattern – V-polarization



10746-A

GP-FM
OMNIDIRECTIONAL ANTENNA
0 dBd gain
88 to 108 MHz



Order Information:

Contact Scala Customer Service for detailed order information.

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

Kathrein Inc., Scala Division Post Office Box 4580 Medford, OR 97501 (USA) Phone: (541) 779-6500 Fax: (541) 779-3991
Email: broadcast@kathrein.com Internet: www.kathrein-scala.com