

CR9-425/044N CORNER REFLECTOR ANTENNA

9 dBd gain
360–490 MHz

The Kathrein Scala Division CR9-425/044N broadband log periodic antenna is intended for use in professional fixed-station applications in the 360–490 MHz band. It features:

- Weather-resistant aluminum construction.
- Stainless steel mounting hardware and fasteners.
- All metal parts are DC grounded.

Specifications:

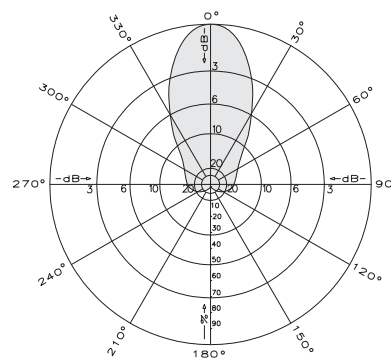
Frequency range	360–490 MHz (broadband)	
Gain	9 dBd	
Impedance	50 ohms	
VSWR	360–490 MHz	<1.5:1
	400–470 MHz	<1.3:1
Polarization	Vertical	
Maximum input power	180 watts (at 50°C)	
H-plane beamwidth	44 degrees (half-power)	
E-plane beamwidth	67 degrees (half-power)	
Connector	N female	
Weight	6.2 lb (2.8 kg)	
Dimensions	45.5 x 22.7 x 19.7 inches (1155 x 577 x 500 mm)	
Equivalent flat plate area	1.35 ft ² (0.125 m ²)	
Wind survival rating*	90 mph (150 kph)	
Shipping dimensions	33.1 x 20.6 x 7.4 inches (842 x 524 x 187 mm)	
Shipping weight	8.8 lb (4 kg)	
Mounting	For masts of 1.2 to 2.125 inches (30 to 54 mm) OD.	

See reverse for order information.

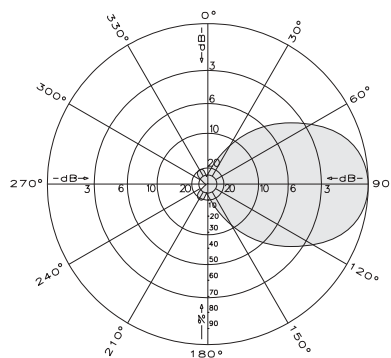
*Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

Order Information:

Model	Description
CR9-425/044N	Corner reflector antenna



H-plane
Horizontal pattern – V-polarization



E-plane
Vertical pattern – V-polarization



10681-A

