

SY307R-HF2SNF

(SRL307RCHD*2)

Yagi directional antenna, 10 dBd gain, radome, HD, 450-470 MHz

- The SY307R is a heavy duty, radome enclosed 10 dBd gain directional antenna, ideally suited to harsh environment applications. This extremely rugged antenna will withstand 110 mph (177 km/h) winds, with up to 1.5 in (38.1 mm) of radial ice.



Electrical Specifications

Frequency range	MHz	450 to 470
Gain	dBi (dBd)	12.1 (10)
Pattern		directional
Input VSWR (max)		1.5:1
Polarization		vertical or horizontal
Horizontal beamwidth	degrees	48
Vertical beamwidth	degrees	42
Front to back ratio	dB	15
Average power input (max)	W	250
Lightning protection		DC ground

Mechanical Specifications

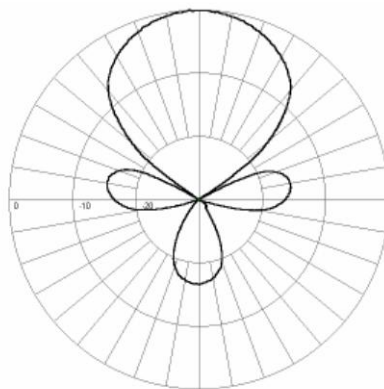
Height	mm (in)	762 (30)
Width	mm (in)	330 (13)
Connector		N (female)
Weight	kg (lbs)	8.6 (19)

Environmental Specifications

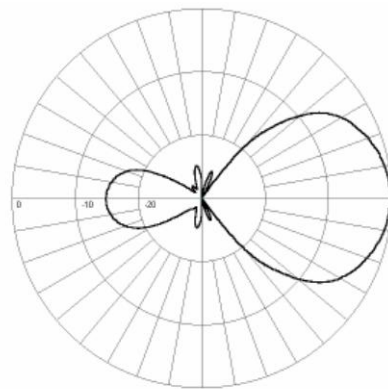
Rated wind velocity (no ice)	km/h (mph)	190 (118)
Rated wind velocity (1/2" radial ice)	km/h (mph)	177 (110)
Lateral thrust (100mph)	N (lbs)	502.6 (113)

Ordering Information

Specify frequency of operation.



Azimuth



Elevation

Region	United States, South & Central America	Europe, Middle East and Africa	Canada and rest of the world
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