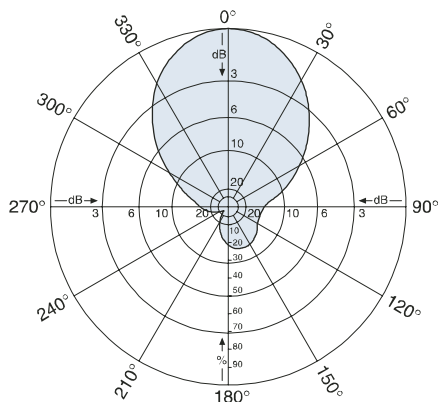
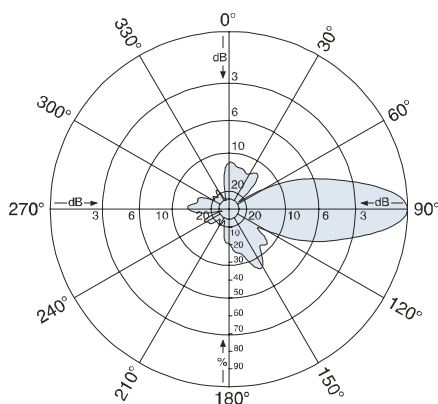


### Product Overview

The HI483-421 antenna is a high-power, directional LHCP antenna suitable for long-range, narrow beam RFID applications. It has circular polarization and covers North American (FCC) 902–928 MHz frequency bands.



HI483-421 H-Plane Azimuth Pattern



HI483-421 E-Plane Elevation Pattern

### Electrical Specifications

Parameter	Value
Frequency	902–928 MHz
Polarization	Circular
Gain	9.5 dBic
VSWR	1.3:1
Front to back ratio	>15 dB
Axial ratio	<3 dB
Feed Power	100W maximum

### Mechanical Specifications

Parameter	Value
Dimensions	19.3 in x 6.1 in x 1.9 in 490 mm x 155 mm x 49 mm
Weight	5.2 lb (2.35 kg)
Material	Fiberglass (Stainless Steel mounting hardware)

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