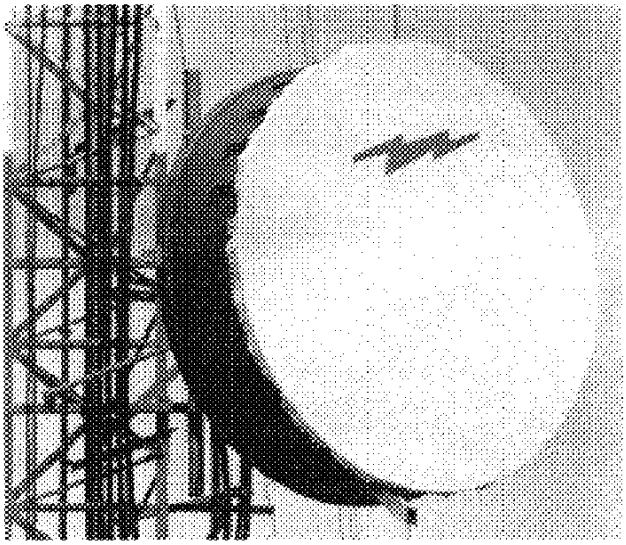
Super High Cross Polarization Discrimination Antenna Specifications



General Description

Andrew HSX series Super High Cross Polarization Discrimination antennas feature high performance at low lifetime cost. They provide extremely high two dimensional azimuth and elevation cross polarization discrimination (XPD) for very high capacity radio systems such as Synchronous Digital Hierarchy (SDH) systems. These antennas feature a feed horn with a unique ground plane design. The high XPD is achieved through strict quality control in the manufacturing of the feeds.

1.2m (4ft) Diameter Antenna
7.425 - 7.900 GHz Electrical Characteristics

Antenna Type		HSX4-74
Gain (dBi)	Bottom	36.7
	Middle	37.0
	Top	37.3
3 dB Beamwidth (Degrees)		2.3
Cross Polarization Discrimination (dB)		40
F/B Ratio (dB)		64
VSWR (R.L., dB)		1.08 (28.3)

For applications assistance please contact the Andrew Customer Support Center
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