

JXBLMDSXP4-8T

EA94961

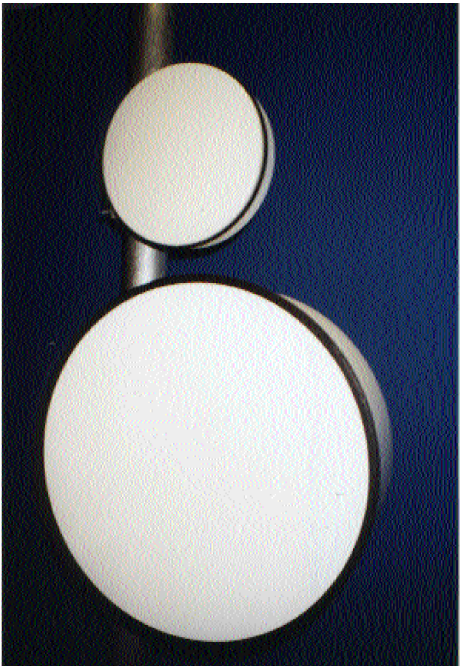
Answers to question # 1

Antenna Performance

Band 27.5 to 31.3 GHz

Antenna Key Features

- Antenna diameter:
 - 1' (30cm)
 - 1.5' (45 cm)
 - 2' (60 cm)
- Antenna weight:
 - 1' - 15 lbs (6.8 kg)
 - 1.5' - 17.5 lbs (7.9 kg)
 - 2' - 25 lbs (11.25 kg)
- IEC or EIA flanges available.
- Ease of installation, antennas ship completely assembled, mount requires minimal assembly.
- Standard color, white other colors available on request.
- Corrosive resistant; materials are of coated aluminum, hot dipped galvanized or stainless steel.
- Three year warranty.



Antenna Specifications, Electrical

Model #	HPLP1-28	HPLPD1-28	HPLP1.5-28	HPLPD1.5-28	HPLP2-28	HPLPD2-28
Frequency, GHz	27.5 - 31.3	27.5 - 31.3	27.5 - 31.3	27.5 - 31.3	27.5 - 31.3	27.5 - 31.3
Polarization	Single	Dual	Single	Dual	Single	Dual
Gain, (mid-band)	36.5 dBi	36.3 dBi	39.6 dBi	39.4 dBi	42.2 dBi	42.0 dBi
Beamwidth, -3dB	2.4 degrees	2.4 degrees	1.5 degrees	1.5 degrees	1.2 degrees	1.2 degrees
Front-to-back ratio	56 dB	56 dB	58 dB	58 dB	60 dB	60 dB
X-Pol	28 dB	28 dB	28 dB	28 dB	30 dB	30 dB
VSWR, Max	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1
R.L., dB	15.5	15.5	15.5	15.5	15.5	15.5
RF Interface	WR42	WR42	WR42	WR42	WR42	WR42