

POF120A

Offset Parabolic Antenna for RX Sat

Specifications

Diameter	120 cm
Dish material	Aluminum
Dish Thickness	1.5 mm
Efficiency	70%
Working frequency	10.7 - 12.7 GHz
Gain @10.7 GHz	41.1 dB
Gain @11.7 GHz	41.9 dB
Gain @12.75 GHz	42.6 dB
- 3dB angle @11.7 GHz	1.32°
F/D ratio	0.66
LNB support diameter	40 mm
Elevation Angle	0° - 90°
Pole diameter	55 - 100 mm
Weight	16.5 Kg
Working temperature	-30°C - +60°C
LNB	
Number of output	1
Output switching	13 - 18 V 0 - 22 kHz
RX frequency	10700 - 12750 MHz
Output frequency	950 - 2150 MHz
Local oscillator frequency	9750; 10600 MHz
Phase noise (@10 KHz)	-80 dBc/Hz [max]
Gain	55 dB [min]
Cross-polarization	20 dB [min]
VSWR	2.5:1
Switching voltage	H: 11 - 14
	V: 16 - 20
Connector	F - 75 ohm

Diameter 120 cm

Type Offset



Information, data and drawings contained in this datasheet are subject to modifications without notice