



Our OLP series antennas are lightweight, medium gain log periodic dipoles designed to transmit and receive signals over a broadband. These antennas are characterized by a high front-to-back ratio, and power gain at all frequency in the band. High quality aluminium construction for a lightweight, high strength antenna will provide years of trouble-free operation.

ALL OLP antennas are linearly polarized. Polarization adjustment is possible, in any plane, OLP series antennas operating below 300MHz are also supplied in a kit form for compactness in packaging and ease of transportation. Antennas in the kit form assemble easily with minimum tool requirements. Standard tripod will be provided according to customers' requirement, the joint is universal.

Also we provide specific frequency Log Periodic antennas according to customers' requirement.

Test reports are for reference only.

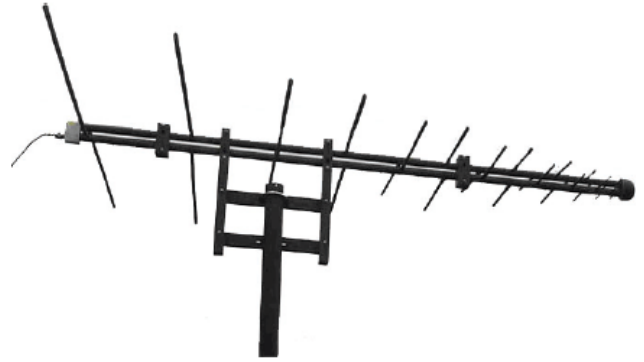
Model	Freq.(MHz)	3dB Beamwidth(°)	Gain(dBi) Typ.	VSWR Max.	Connector
OLP-18100	180-1000	120-50	6	3	N-Female
OLP-18200	180-2000	120-50	6	3	N-Female
OLP-2080	200-800	120-50	7	3	SMA/N Type
OLP-25100	250-1000	-	6	3 Typ.	N-Female
OLP-30200	300-2000	120-50	6	3	N-Female
OLP-40200	400-2000	120-50	7	3	N-Female
OLP-50200	500-2000	120-50	6	3	SMA/N Type
OLP-50400	500-4000	120-50	6	3	SMA/N Type
OLP-80500	800-5000	120-50	6	3	N-Female
OLP-100400	1000-4000	120-50	6	3 Typ.	N-Female
OLP-100600	1000-6000	120-50	6	3 Typ.	N-Female



Log Periodic Antenna

250~1000MHz

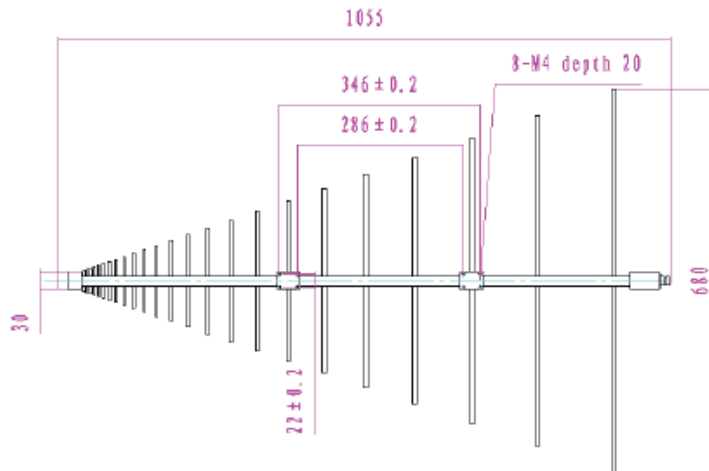
P/N: OLP-25100



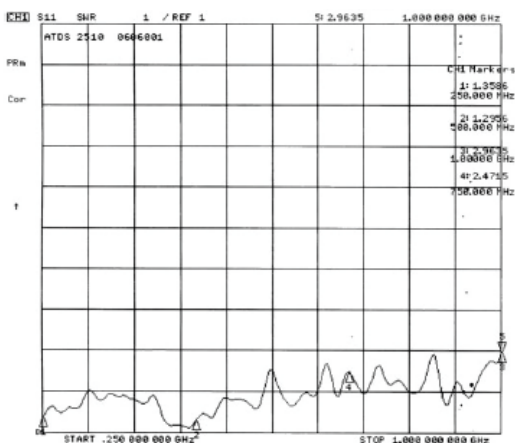
Technical Specification

Frequency (MHz)	250-1000
Polarization	Linear
Gain(dBi)(Typ.)@MHz	8.5@250
	8.0@500
	9.5@750
	10.0@1000
VSWR(Typ.)	3
Connetor	N-Female
Size(mm)	1055 × 680

Outline Drawing



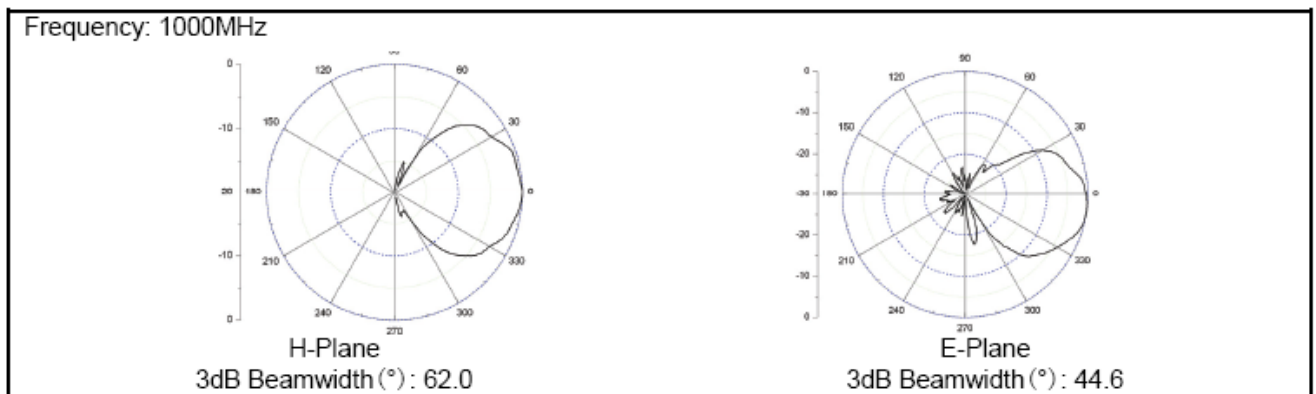
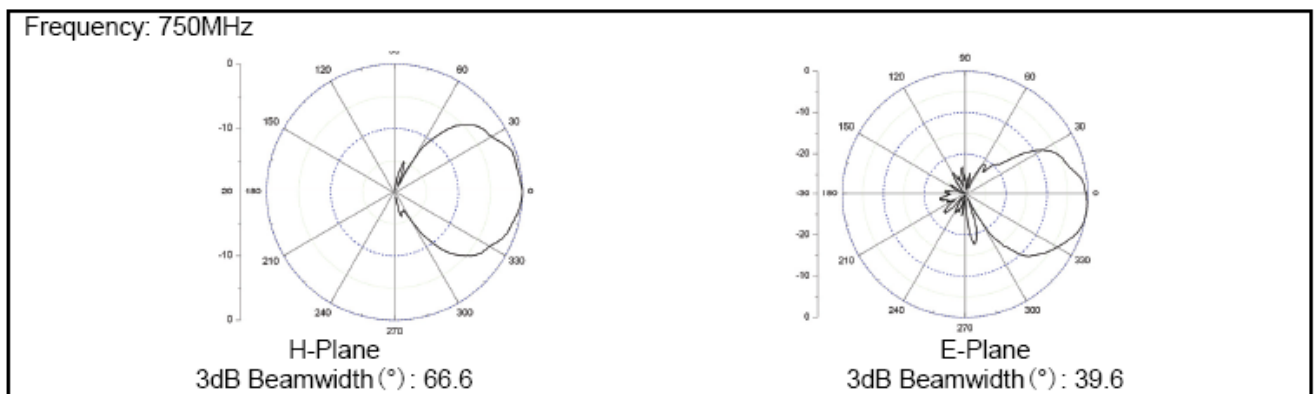
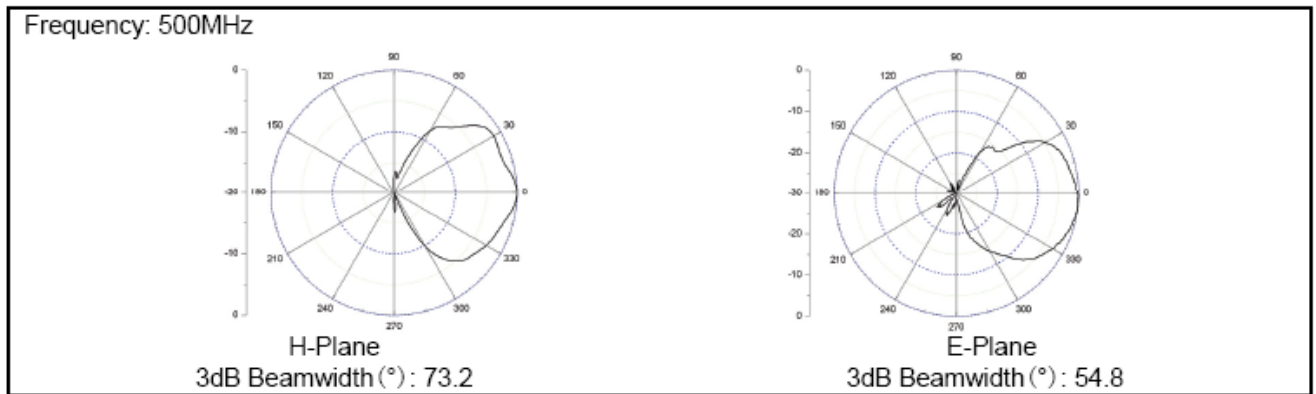
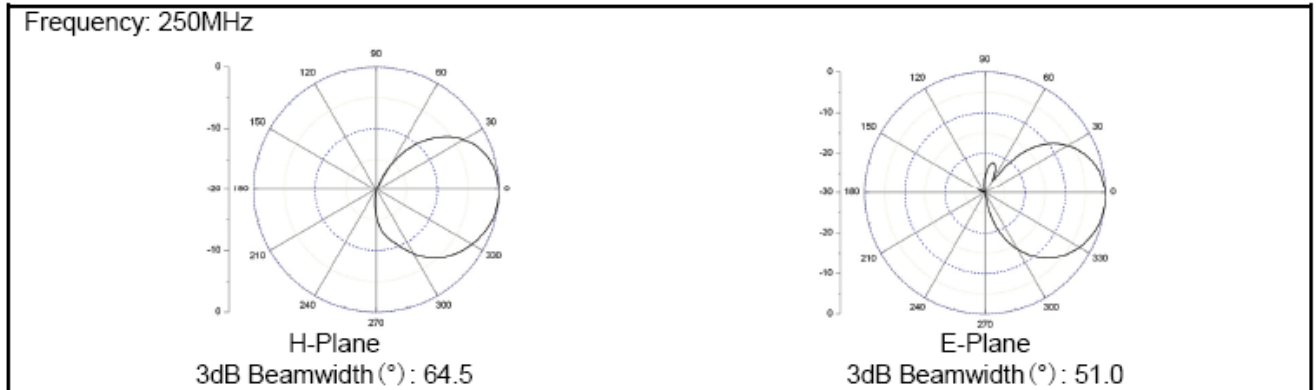
VSWR





Log Periodic Antenna

Pattern





Log Periodic Antenna

1.0~6.0GHz

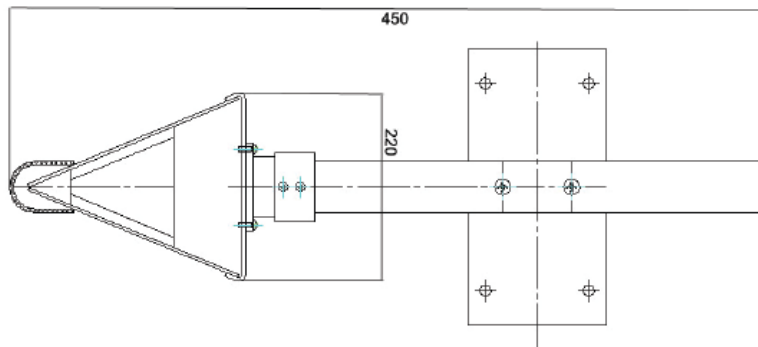
P/N: OLP-100600

Technical Specification

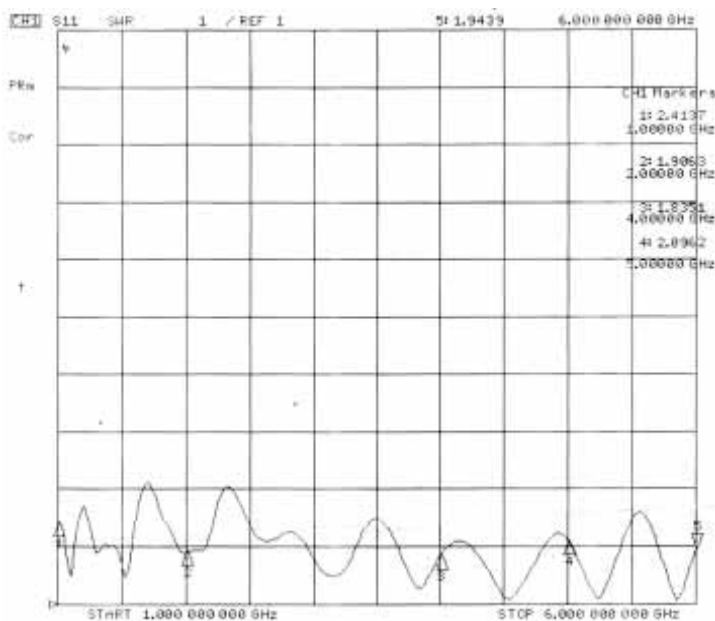
Frequency (GHz)	1-6
Polarization	Linear
Gain(dBi)(Typ.)@GHz	5.8@1
	6.5@3
	7.0@6
VSWR(Typ.)	3
Connetor	N-Female
Size(mm)	450 x 220



Outline Drawing



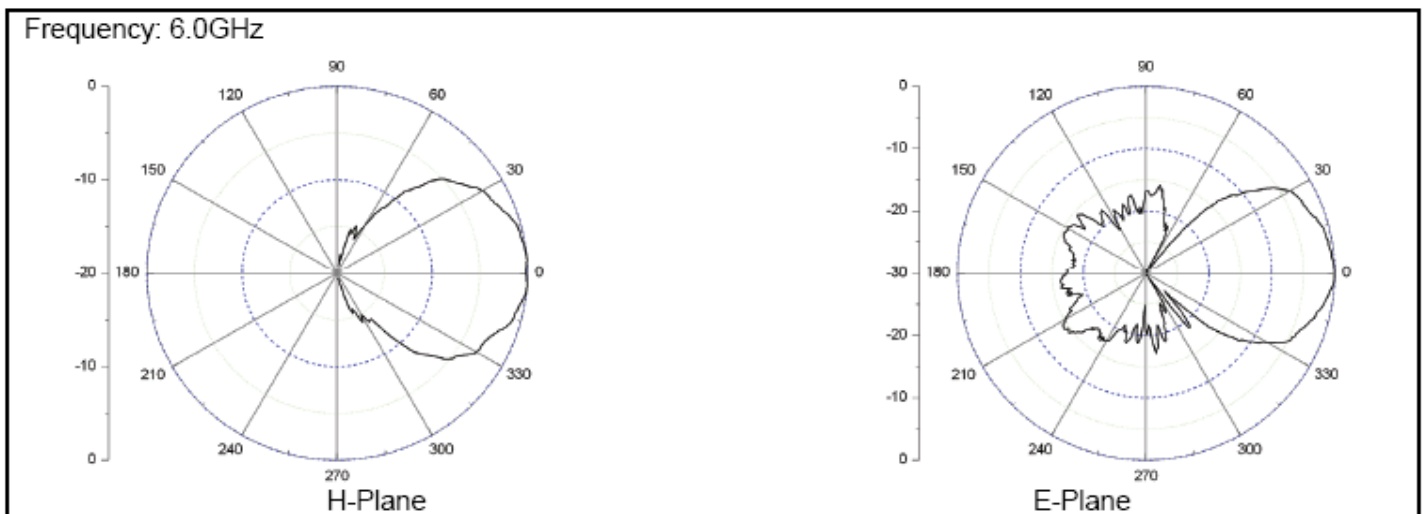
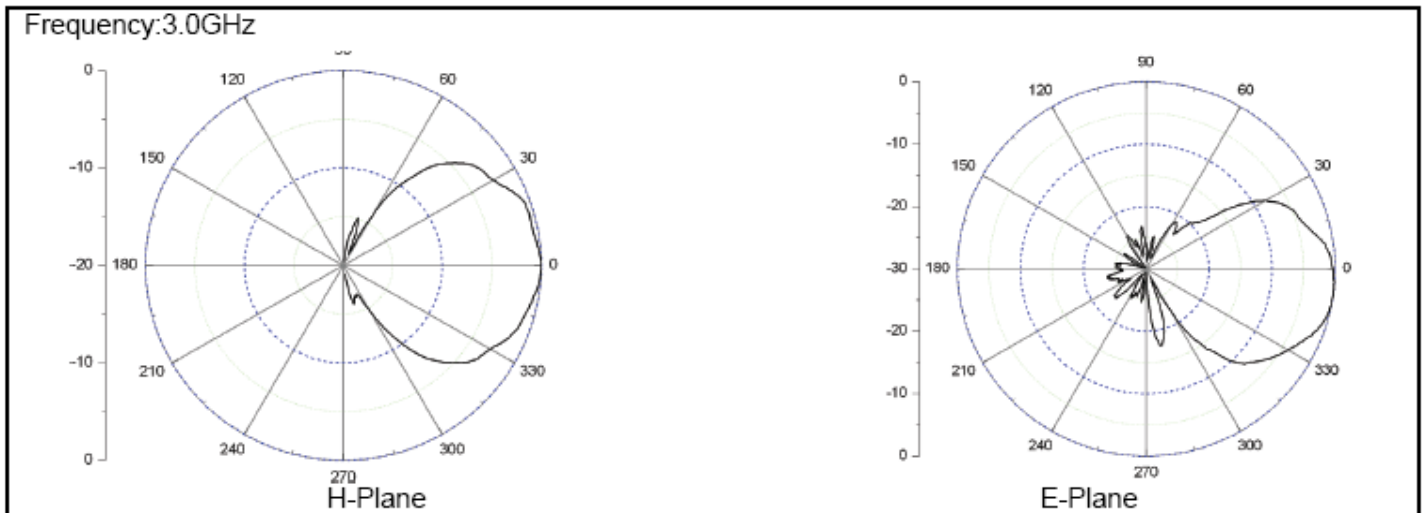
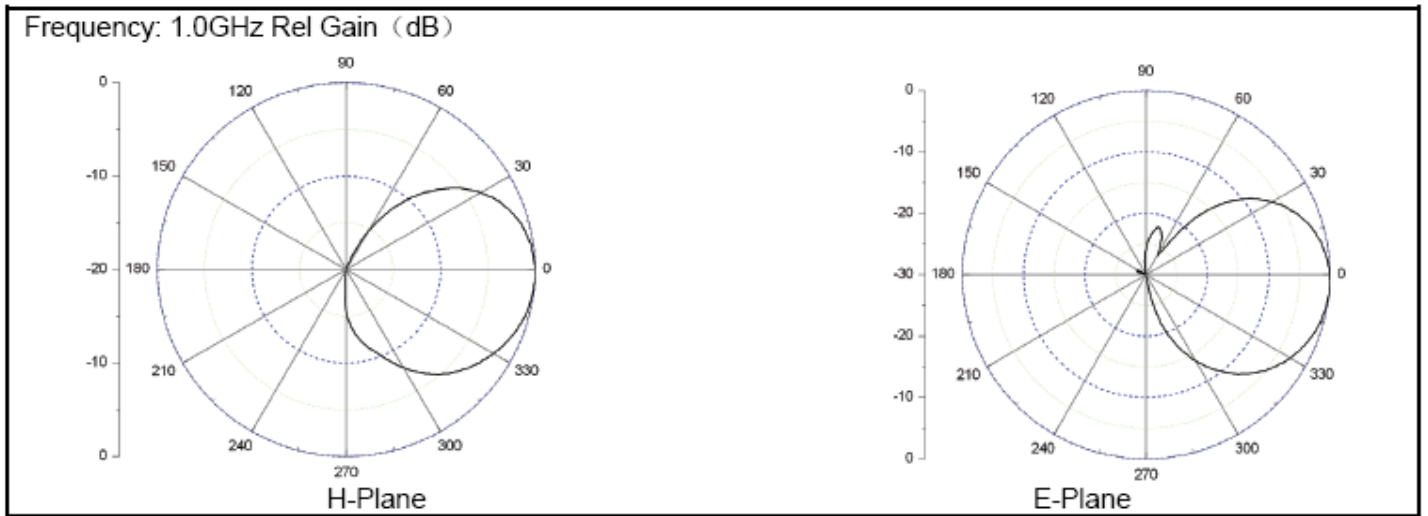
VSWR





Log Periodic Antenna

pattern





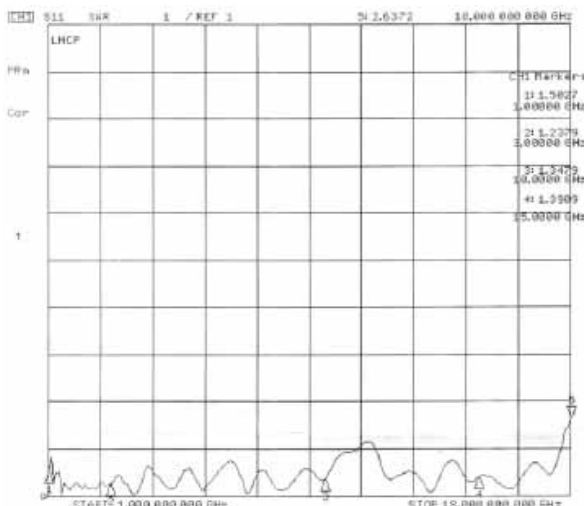
1.0~18.0GHz

P/N: OBS-10180

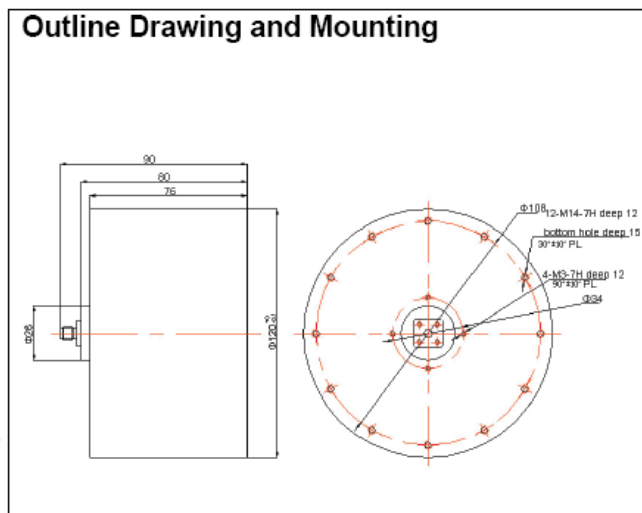
Technical Specification

Frequency (GHz)	1-18		
Polarization	RHCP or LHCP		
Gain(dBi)(Typ.)@GHz	-3.5@1		
	2.2@2		
	3.5@4		
	4.7@8		
	5.2@12		
	5.3@18		
Beamwidth (°)3dB	Freq.(GHz)	E	H
	1	105	103.4
	2	91.2	88.2
	4	60.1	61
	8	70.5	76.7
	12	72.9	70.6
	18	78.8	68.7
Axial Ratio(dB) (Typ.)@GHz	1.2@1		
	1.3@2		
	1.5@4		
	2.0@8		
	1.2@12		
	1.1@18		
VSWR(Typ.)	2		
Connetor	SMA-Female		

VSWR



Outline Drawing and Mounting





pattern

