

L'essenza



**Offset Antennas
SERIE E**

Pleasant design and very quick to install.

Mounts in zinc-plated steel are equipped with careful surface support dish, which make the antenna strong and reliable for a long time.

Feed arm is in aluminum alloy and LNB holder in plastic. Dishes are available in steel or in aluminum.

As optional it is possible to have a longer bracket for pole fixation.

Accessories available: support for extra LNB and additional mast clamp.

GIBERTINI
Satellite Equipment

Centralizzati



Offset Antennas OP150

Ideal antennas.
Made for exacting customer requirements or for geographic areas at the limit of satellite coverage, for centralized systems or for motorized installations.

Dish is in aluminum while zinc plating mount is painted in the same color of the dish. Feed arm is equipped with side reinforcement and LN holder is in zinc-plated steel painted in the same color of the dish.

Optional: multi feed system and polar mount.

Frequency range (Ghz)	10.00-13.00
Outside dimension (cm)	155.0x166.0
Illumination Efficiency (%) *	70
Gain @ 10,95 Ghz (dB) *	43.3
Cross polarization on axis (dB) *	> 30
First side lobe (dB) *	26
Noise temperature @ 30° elevation(K) *	33
F/D ratio	0.66
Beam width @ 3dB (deg) *	1.1
Elevation angle range (deg)	20-90
Offset pointing angle (deg)	21.3
Mast clamp (mm)	55-100
Wind pressure @ 120 km/h (kg)	235
Operating temperature range	-30°C / +70°C
Humidity	up to 100% condensed



* matched feed

Data subject to change without notice
Additional information available upon request

GIBERTINI s.r.l.

via F. Santi, 21
I-20037 Paderno Dugnano (MI)
Italy

tel. +39 0299045260
Fax +3999042651
e-mail: gibertini@gibertini.it
www.gibertini.it



Massime prestazioni



Offset Antenna OP120

The antenna has high electrical performance and very reliable for professional use. It is also available for transmission as well as reception.

The dish is available in aluminum or in steel. Zinc plating mounts are painted the same color of the dish.

A version with elevation up to 90° is available optionally.

Accessories available: multi-feed system and polar mount.

Frequency range (Ghz)	10.00-13.00
Outside dimension (cm)	124.5x133.5
Illumination Efficiency (%) *	70
Gain @ 10,95 Ghz (dB) *	41.3
Cross polarization on axis (dB) *	> 30
First side lobe (dB) *	26
Noise temperature @ 30° elevation(K)	34
F/D ratio	0.66
Beam width @ 3dB (deg)	1.37
Elevation angle range (deg)	20-50
Offset pointing angle (deg)	21.3
Mast clamp (mm)	55-100
Wind pressure @ 120 km/h (kg)	145
Operating temperature range	-30 °C / +70 °C
Humidity	up to 100% condensed



* matched feed

Data subject to change without notice
Additional information available upon request

GIBERTINI s.r.l.

via F. Santi, 21
I-20037 Paderno Dugnano (MI)
Italy

tel.+39 0299045260
Fax +3999042651
e-mail: gibertini@gibertini.it
www.gibertini.it



Lo stile



**Offset Antennas
SERIE L**

Pleasant design and very quick to install.

Mounts in zinc-plated steel are equipped with carefully surface support dishes which make the antennas strong and reliable for long time.

Feed arm is in aluminum alloy and LNB holder in plastic

Dishes are available in steel or in aluminum

Optional: multi feed system, polar mount.

CIBERTINI
Satellite Equipment

	OP6SL	OP80L	OP8SL	OP100L
Frequency range (Ghz)	10,00-13,00	10,00-13,00	10,00-13,00	10,00-13,00
Outside dimension (cm)	67,0x71,5	75,0x80,0	85,0x90,5	97,0x104,0
Illumination Efficiency (%) *	69	69	69	70
Gain @ 10,95 Ghz (dB) *	36	37,1	38,1	39,4
Cross polarization on axis (dB) *	24	26	27	> 28
First side lobe (dB) *	21	24	25	26
Noise temperature @ 30° elevation(K)	46	42	41	38
F/D ratio	0,66	0,66	0,67	0,66
Beam width @ 3dB (deg)	2,85	2,3	2,1	1,76
Elevation angle range (deg)	0-80	0-80	0-80	0-80
Offset pointing angle (deg)	21,3	21	21,1	21
Mast clamp (mm)	30-90	30-90	30-90	30-90
Wind pressure @ 120 km/h (kg)	42	55,2	70	91
Operating temperature range	-30 C +70 C	-30 C +70 C	-30 C +70 C	-30 C +70 C
Humidity	up to 100% condensed	up to 100% condensed	up to 100% condensed	up to 100% condensed

* matched feed

Data subject to change without notice
Additional information available upon request



GIBERTINI s.r.l.

via F. Santi, 21
I-20037 Paderno Dugnano (MI)
Italy

tel. +39 0299045260
Fax +3999042651
e-mail: gibertini@gibertini.it
www.gibertini.it



	OP40E	OP60E	OP95E	OP80E
Frequency range (Ghz)	10,00-13,00	10,00-13,00	10,00-13,00	10,00-13,00
Outside dimension (cm)	37,5x40,0	59,0x63,0	67,0x71,5	75,0x80,0
Illumination Efficiency (%) *	> 67	69	69	69
Gain @ 10,95 Ghz (dB) *	31	35	36	37,1
Cross polarization on axis (dB) *	> 22	23,5	25	26
First side lobe (dB) *	> 20	> 21	22	24
Noise temperature @ 30° elevation(K)	60	48	46	42
F/D ratio	0,66	0,66	0,66	0,66
Beam width @ 3dB (deg)	4,7	2,92	2,6	2,3
Elevation angle range (deg)	15-45	0-90	0-90	0-90
Offset pointing angle (deg)	21	21	21,3	21
Mast clamp (mm)		20-50	20-50	20-50
Wind pressure @ 120 km/h (kg)	14,5	34	42	55,2
Operating temperature range	-30 C +70 C	-30 C +70 C	-30 C +70 C	-30 C +70 C
Humidity	up to 100% condensed	up to 100% condensed	up to 100% condensed	up to 100% condensed

* matched feed

Data subject to change without notice
Additional information available upon request



GIBERTINI s.r.l.

via F. Santi, 21
I-20037 Paderno Dugnano (MI)
Italy

tel. +39 0299045260
Fax +3999042651
e-mail: gibertini@gibertini.it
www.gibertini.it

